MARITIME HERITAGE MINNESOTA

Ann Merriman

CHRISTOPHER OLSON

Log Book 33 of the USS <u>Essex</u> January 31, 1894 - July 31, 1894

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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USS Essex Log Book 33

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and iob), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The editing of this log book and the creation of the finding aid was made possible by a generous donation from MHM friend and supporter Dr. Natalie Rosen.

Log Book 33 of the USS Essex: January 31, 1894-July 31, 1894

The National Archives houses USS Essex Log Book 33. Throughout Log Book 33, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions; sometimes specific boiler are mentioned by their letter designation
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- testing flood cocks in magazine and gun rooms
- testing of all electrical apparatus
- orew conducting ship maintenance: engine maintenance/repair, boiler maintenance/repair, coal bunker maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting and sometimes tarring and caulking the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, repairing sails, replacing sails, scraping and slushing spars, scrubbing masts and yards, repairing masts, hawser (mooring lines) maintenance/repair/replacement, condenser bed timber repair/replacement, engine bed timber repair/replacement, steam cutter maintenance/repair, steam/sail launch maintenance/repair, gig maintenance/repair, dinghy maintenance/repair, whale boat maintenance/repair, turned and cleaned hammocks and bedding, painting hammock netting panels, scraping and blacking boat davits, repaired ground tackle, repaired sounding apparatus, scraping out smokepipe, inspected cotton primers, repairing binnacles, repairing waste pipes of magazine and shell room, repairing rail, repaired skylights, repaired awning stanchions, awning

- repair/replacement, repairing air ports, repairing gun ports, repairing water closets, gun carriage/battery maintenance/repair
- ocrew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), target practice with the air gun, floating target practice, boat drills all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, single stick drills, revolver drills, torpedo drills, passing powder drills, fuze drills, abandon ship drills, man overboard drills, Gatling gun drills, howitzer drills, skirmishing, battalion drills, machine gun drills, pistol drills, rifle drills, bayonet drills, target practice with targeting hanging from a yardarm, Morse signal drills, landing party drills, navigation drills, man overboard drills, signaling with the flagship, Army and Navy signaling drills, watch signal drills, international signal drills, basic medical training (tourniquets, resuscitation), Marine Guard drill
- Marine Guard drills in the cutter
- cadet/apprentice drills: signaling drills, wig-wag signaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- o crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The Essex deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 33, on January 31, 1894, the USS Essex was placed in commission at the Norfolk Navy Yard in Virginia under Commander Francis W. Dickens, attached to the United States Training Squadron. Essex received officers and men that were transferred from the United States Training Ship (USTS) Monogalela, and the ship

was stocked with stores. Over the next 3 weeks, additional men were transferred from the United States Receiving Ship (USRS) Franklin, the log recorded a list of promotions and crew assignments, additional stores and equipment were brought on board, the ship took on water from a water boat, the ship's steam launch experienced technical issues and the engineer force worked on the problems, the ship's engines and boilers were overhauled and tested, the crew engaged in bending sails, the ship's officers inspected magazines and stores, the Commanding Officer finalized crew lists and visited nearby ships (USS Vesuvius, USS Miantonomoh monitor BM-5), sailors were punished for overstaying leave, and the ship's crew tested life buoys and secured the boats for sea. On February 21, Essex left her Navy Yard berth, assisted by a tug, and headed out of the Elizabeth River at Hampton Roads. She exchanged signals with Cape Henry and anchored in Lynnhaven Bay. The next day, USS Essex was dressed with flags at all the mast heads in honor of George Washington's birthday; Fort Monroe fired a National Salute. On February 23, the ship was underway to sea, traveling under both sail and steam. Until the end of the month, the log recorded passing 2 schooners and full-rigged ship, Essex passed Montauk Light, anchored in Newport Harbor, Commander Dickens visited the War College and Training Station, the ship exchanged signals with USS Richmond, and apprentices and ship's stores were taken on board from the Training Station.

Throughout March, the USS Essex, her crew, and apprentices conducted drills, Away All Boats exercises, ship handling drills including sail management and tacking the vessel, single stick, pistol, and infantry tactics drills. On March 16, apprentice Charles Bullock fell 30 feet to the ship's deck; he was taken to the Captain's cabin where he regained consciousness, very bruised but otherwise unhurt. Throughout the month, the log recorded sightings and sometimes communications with USS *Richmond*, the 3-masted schooner *Mary Miller*, other schooners, steamers - including one with Norwegian colors - a French brigantine, and barks.

In early April, Essex anchored in Charleston Harbor and was assisted by the pilot boat R. H. Gowan and tug Confidence. Commander Dickens paid official visits to the Mayor of Charleston, the Collector of the Port, and the Charleston Yacht Club, while the Commanding Officer of the Coast Survey Steamer (USC&GS) A.D. Bache visited Essex. The pilot boat I. Go fouled on the port side of Essex and the Clyde steamer Algonquin left Charleston. The crew took liberty, stores were taken on board, drills were performed, and the apprentices conducted landing action drills under sails and oars; one landing took place at Fort Sumter. Mid-month, long overdue seaman and apprentices were declared deserters and Essex got underway on April 19 after provisioning. Until the end of the month, the crew and apprentices cleaned the ship and performed drills - including Man Overboard. Several vessels were spotted including schooners, the English steamer Jason, a square-rigged ship, and other steamers.

In May, Essex headed north to the Chesapeake Bay and the York River, anchoring off Yorktown. Along the way, the ship lightly touched bottom and reversed at full speed to dislodge the hull - unsuccessfully. The crew used the kedge anchor and the engines to loosen the ship and moved her into deeper water. The crew and apprentices conducted

the usual drills and target and small arms practice, and liberty parties were sent ashore. An apprentice's desertion attempt was thwarted and he underwent a Court Martial a few days later; he was discharged for bad conduct. All available hands engaged in blacking the ship, and on May 28, *Essex* up anchored and returned to the Norfolk Navy Yard dock. Two days later, some of the crew joined a battalion to participate in recognition ceremonies at the US Navy Hospital cemetery. Throughout the month, the *Essex* crew recognized several ships in the log: American and British steamers, sailing vessels, many schooners, a white barkentine, a bark - probably a whaler - flying American colors, two-masted whaling schooner *Baltic* out of Provincetown, MA, steamer *Pigwa* out of Liverpool, England, British steamer *Orange Prince* of Newcastle, 3-masted schooners *Flora Rodgers* of Camden, NJ and *John B. Gannon*, American steamers *Allegheny* and *Danville*, and US Naval vessels USS *Vesuvius*, USRS *Franklin*, USS *Detroit* (C-10), and USS *Raleigh* (C-8).

The first 10 days of June saw Navy Yard workers taking on the maintenance and repairs for USS Essex; her crew and apprentices conducted drills and took liberty while the ship's officers took leave. Other ships recorded to be at the Yard include Franklin and White Squadron member USS Atlanta. Once coaled, Essex left the Yard on June 11. Until the end of June, the crew and apprentices conducted the usual on-board activities. In addition, a large dead sperm whale was spotted onJune 18, and several vessels were spotted including steamers (including a large ship with 3 smokestacks), 2 brigantines and an English brigantine, a 3-masted schooner and another schooner, a German tramp steamer, an oil steamer, large steamer with 3 smokestacks, and an ocean liner.

On July 1, after a heavy fog lifted, USS Essex had to change course to avoid a large sailing vessel displaying a flashing light and a green light. The next day, the Benton Reef Lightship was sighted, Essex moored to a Naval Station Newport buoy along with USS Portsmouth and USS Fern, and she exchanged many signals with USS Constellation, also moored. The Commandant of the Training Station inspected Essex on July 3, and on the Fourth of July, a dressed Essex unmoored and stood out of Newport Harbor. On July 5, several 2c apprentices were transferred to USRS Vermont, and Essex set course for the New York Navy Yard, where she tied up to the Cob Dock. After exchanging apprentices and seaman with Vermont, Essex headed back to Newport, mooring there on July 7. On July 9, Commander Dickens was relieved of his duty on USS Essex, replaced by Commander Louis Kingsley. The ship left Newport on July 17, exchanging signals with Constellation and exchanging colors with a German steamer. The remaining days of July saw the crew and apprentices conducting regular performance and maintenance drills. Other ships recorded in the log included the German steamer Moraira, other steamers, several schooners, the steamer Sorrento. and the American Line US Mail Steamer British Princess.

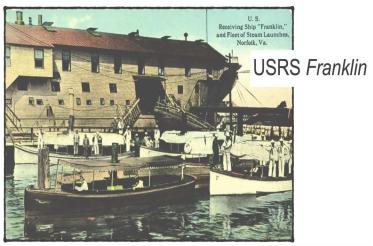
Tags:

sloop-of-war USS Essex, sloop-of-war USS Constellation, USRS Franklin, USTS Monogalela, USS Vesuvius, USS Miantonomoh, USS Richmond, USS Detroit, USS Raleigh, White Squadron member USS Atlanta, USS Portsmouth, USS Fern, USRS

Vermont, USC&GS A.D. Bache, American Line US Mail Steamer British Princess, American 3-masted schooner Mary Miller, American pilot boat R. H. Gowan, American tug Confidence, American 3-masted schooner Flora Rodgers, American 3-masted schooner John B. Gannon, American steamer Allegheny, American steamer Danville, American whaling schooner Baltic, American pilot boat I. Go, steamer Sorrento, Clyde steamer Algonquin, British steamer Jason, British steamer Pigwa, British steamer Orange Prince, German steamer Moraira, United States Training Squadron, New York Navy Yard, Norfolk Navy Yard, Naval Station Newport, Elizabeth River, York River, apprentice training, ship drills, ship maintenance

USS Essex





USS Atlanta

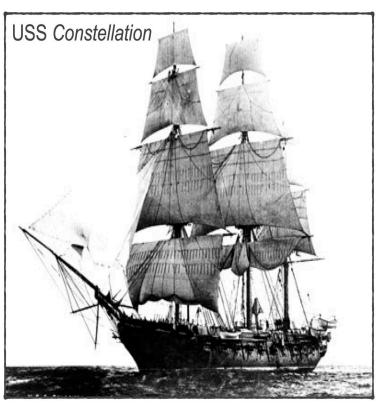


British Princess



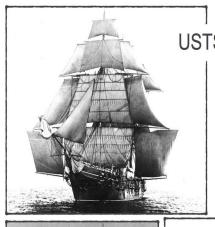
USS Miantonomoh







USS Constellation at Naval Station Newport



USTS Monongahela

USS Portsmouth

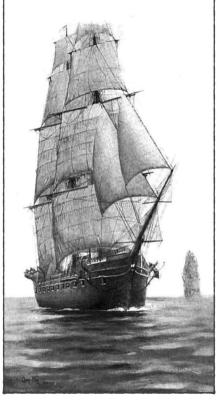


USS Richmond

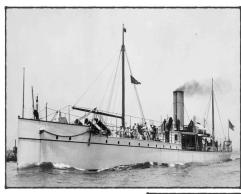


USS Raleigh



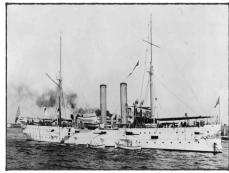


USC&GS A.D. Bache

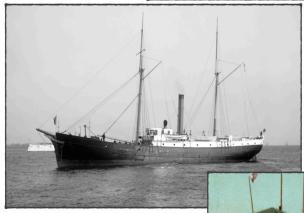


USS Vesuvius

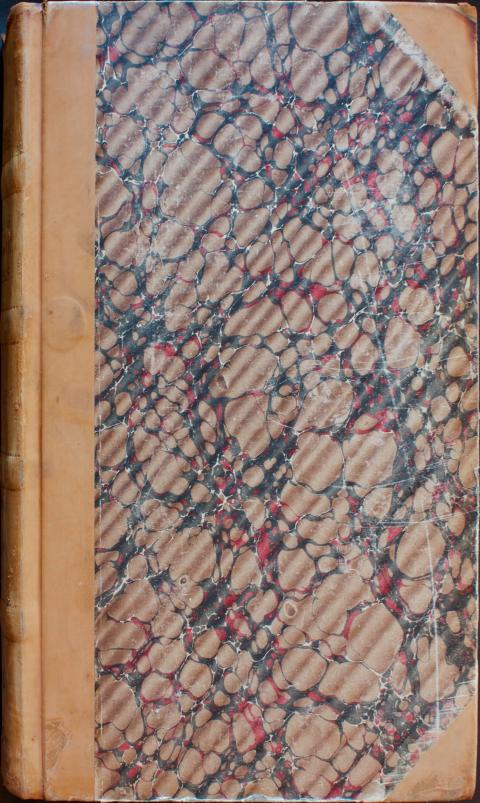
USS Detroit

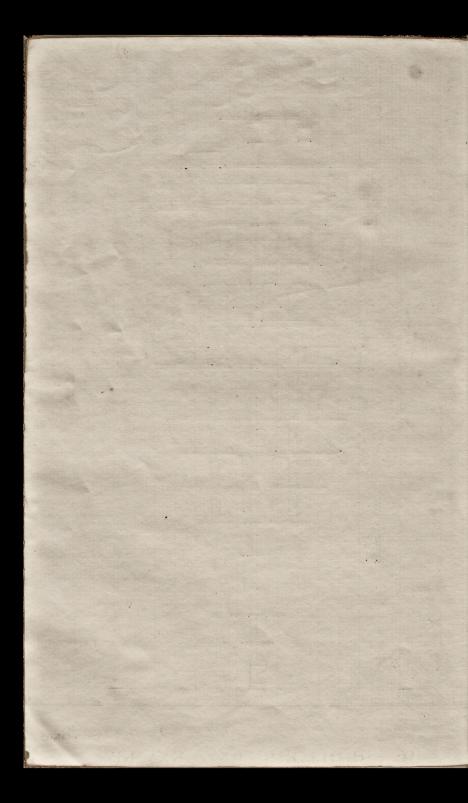


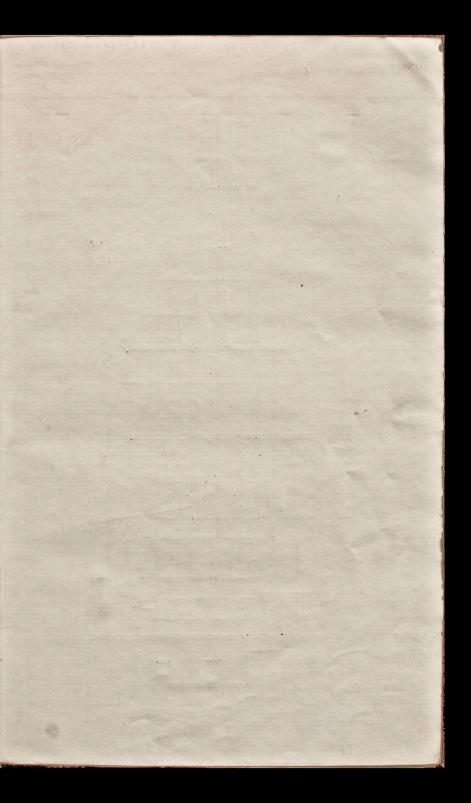
USS Fern

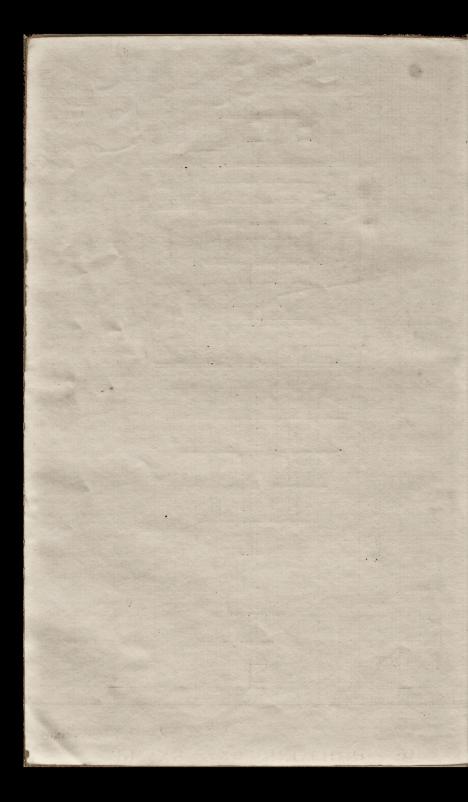


USRS Vermont









LOG BOOK

OF THE

	(7		
U. S. S	Gssex	<u>, "</u>	
	Third	Rate,	
	Pist.		ins,
	COMMANDI		
Commander	F.O. Duck	MD ,	U. S. Navy,
Commander Laby 9, 1894, while he Attached to	Training by Simm	19	Squadron,
Commend	ing Janu	ary 11	, 1894,
at	Chary Ufard	Churfolk	Ta.
and ending			
at sea in	Ial 41°34' Mr a	end Long 4	8º41 OV

BUREAU OF EQUIPMENT NAVY DEPARTMENT. 1891.

·LIST OF OFFICERS

Attached to and on board	of the U.S.S	ssel 3rd Rat	, commanded by
Commander J. O. Dick	kini , U.	self 3rd Rat July 9 when he was relieved by 6 S. N., during the period cov	ommander Louis Hingely & & & ered by this Log-Book,
from January	3/ , 189.	4, to July 31	, 1894 .
NAME.	RANK.	NAME.	RANK.
Dicking Francis Ok.	Commander		
Dicking Francis ON.	Lieutenant Commander		
Miston John B.	Linter and and Changator		
Ovoil Morks	Lieutenant		
Oteller Roger dr.	Eurign		
Coleman Troak J.	Enrign		
Taylor Christgomen On.	Ensign Ensign Ensign		
Lahghust, Convad, J.	Chief Engineer.		
Fitte Henry B.	Passed asit. Lugar		
Hicks Thomas H.	assistant Paymaster.		
Purcell, John L.	Lieutenant Jr. Grade.		
Caperton William B.	Cheigh Eugenen. Geuch Aust. Lugen Assistant Paymester: Lieutenant Jr. Grade. Leitenant		
Ovier, Frederich Iv. Onithm, John, B. Orith, Gork. Oreller, Brown Jr. Boleman Groats T. Taylor, Inntegeney, Or. Bahghush, Enwads J. Tithe, Henry B. Bucks Thomas H. Gusell, John D. Caputon Villiam B. Caputon Villiam B. Clark, George R. Janth gate Tengu T. Evans, Jeorge R. Xingeley, Down	Lintenaut J. Grade. Paymastrio Elek. Energie Commander.		
Forthgate George T.	Paymasteris blerk.		
Evans, George R.	Ensign		
Kingsley, Lories	Commander.		
12.00			
No. of the last of			
Examined and found to be correct.		J. B.	M'illon
4—265		1 Lie	No illon utenant M. J. M. Navigator.

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U.S.S. & Level 37th Rate commanded by Commander T. W. Dickins, U.S. N., during the period covered by this

Log-Book, from January 31, 1894, to July 31. , 1894

Log-Book, from	anuary 31	, 1894, to July 31. , 1894.
NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.
Ohvil York Ohelles Proger Jr. Dickens, Francis VI.	Leitenant Ensign Commander.	Detacked February 12, 1894. Clased in viating order. Detacked, July 3, 1894. Ordered to the W. I. I. Succenati Detacked, July 9, 1894. Granted me months bear of about
Dickins, Francis %.	Commander.	Detacked, July 9, 1894. Granted me month's bear of about
3		
	· ·	
		1
19		

Examined and found to be correct.

J. B. Milton Lieutennut & S. Marigator.

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board Essex 3rd Pate at first commissioning of the U.S.S

January 31° 1894.

CUMBER LLOWED.	RATES.	NUMBER ON BOARD.	NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
1	Chief Boatswain's Mate,		,	Cabin Steward,	1
		3	,	Cabin Cook,	1
2	Boatswain's Mate, 1 of class Seamen Gunners,	7		Ward-room Steward,	,
1			,	Ward-room Cook,	1
	Chief Gunner's Mate,				1
11	Gunner's Mates, 1 delass			Steerage Stewards,	
1	Chief Quartermaster,			Steerage Cooks,	
/	Quartermasters, 1 of class			Warrant Officer's Steward,	
6	Coxswains, Quartemarter 2nd class	6		Warrant Officer's Cook,	,
	Captains of Forecastle, Quarter gracter & rd class	,	6		6
'	Ceptains of Tops	,	+	Ordinary Scamon, apprentice 1 class	1,
'	Gaptains of Tops, Gunner Grate 2 m. class Captains of Afterguard,		7	Landsmen,	8
1	Quarter-Gunners, Brate 8rd class	1 .	6	Bays, Mess attendants	6
1 63	Carpenter's Mates,		108	Apprentices,	107
,		1	2	Machinists,	1
1	Sailmaker's Mates, Conjunter Trate 3rd class		1	Boiler Makers,	
	Captains of Hold,	1	1	Water Tonders, Coppeninth	
,	1.		2	Oilers,	
!	Ship's Corporals, 4 delaw		4	First-class Firemen,	
*			7	Second-class Firemen,	
,	Lamp-lighter, Lands. assigned. Shypinights Gerponters and Calkers,	,	4	Coal Heavers,	
		1	;		
/	Baymen,			TOTAL,	
10	L. Master-at-Arms,	/			
1	Apothecary,	1			
1	Ship's Yeoman,	1			
1	Paymaster's Yeoman,	1			
1	Pagineer's Yeoman,				
	Schoolmaster,				
1	Ships Writer, 1 at class Ship's Tailor,			ADDITIONAL FOR FLAGSHIP.	
1	Ship's Tailor,	;		Master of the Band,	
	Ship's Barber,	,		Chief Musician,	
,	Painter,			First-class Musicians,	
,	Bugler,			Second-class Musicians,	
				Printer,	
,	Jack of the Dust, Lando, assigned Blacksmith,			Steward to Commander-in-chief,	
1	Diacksmith,			Cook to do.	
7570				Coxswain to do.	
				Seamen to do.	
				Ordinary Seamen to do.	
				Landsmen to do.	
-					
	Complement rurieseed by 2 Thise Coordly telegram to Commandant Phanel Ita	to 4 class		Complement increased by a Lander	man , by order
	by telegram to Commandant March to	ten Reupert R. I		Bureau Changetton, Feb. 2, 1894	
-	July 9.1894.				
1				Received it Chargeit Q. J. Feb. 28/94	
			The state of the s	177	1714 (200)

J. B. Me illon, Lieitenant Ch. S. Ch. Navigator.

U.S.S Esser

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COM- PARISON.	COMPARED WITH-	ERROR.
MERCURIAL BAROMETER.	Henry J. Green	33 46	On Cahri Bulkhead.	Jan. 10. 1894	Standard Navy Yard Norfoek.	0"05 high
ANEROID BAROMETER.	No Makeu Name gurn Harled Holetwell I. I. M.	Some	In calin.	Jan.5. 1893	Standard Lilm, Portugal	0"00.
THERMOMETER, (Dry Bulb.)	Henry J. Guen	6197	Forward bulkhas	Jan.5. 1893	Standard Lishw Portugal	0°02' low'.
THERMOMETER, (Wet Bulb.) (Psychrometer.)	Henry J. Green	6198	Forward lulkhead	Jan 5. 1893	Standard Libra, Portugal.	0-03' low

Examined and found to be correct.

J. B. Maillen, Quinterant Q. S. M. Navigator.

Of the U.S.S Essery 3rd Rate

PRIMARY

					d am					
NO. OF GUNS.	CAL	MARK.	DESCRIPTION.	CARTE		PROJEC		CARRIAGES.	R	EMARKS.
				POWDER.		-	WEIGHT.			
43	4 Sailt.	Ш	Rapid Die	13/46	7 cho.	Com She	33eh.	No 4 Mount	Dashiell.	Breech Pla
- 44	-							23 "		
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SECONDARY.

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88	",		· "		,	"	9/ 10	. 106	-		
9 52	1 pdr.	"	Song	10 %.	60%	"	710 lbs	64	•		
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1											

BOAT ARMAMENT.

Two 1 pdr. Cage Gande No 71 and 73 for books

SMALL ARMS.

85-Botelkin Magnine Pifter Cal. 45 2 Pifter Cal. 128 65 Emblestin Carley Cotto, Cal. 38 28 Entlane

J. B. Me illow Seidenaut & Sy Navigator.

TABLES of Deviation of the Standard Compass No. 1/62 on board the U. S. S Essel 3rd Cate

DATE:	February 21. 1894					
PLACE OF OBSERVATION	J. l. 180. 90					
LATITUDE:	36° 55' 31" Vr.					
LATITUDE:	762 00' 32' 04.					
OBSERVED VARIATION:	3 = 26 ' 24.					
SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
NORTH.	1230 6.					
N. by E.	10.21.6.					
N. N. E.	2-53'6.					
N. E. by N.	3-10.6					
N. E.	5º 10 6.					
N. E. by E.						
E. N. E.	5-º08' 6					
E. by N.	52 19 6.					
EAST.	4 28 6					
E. by S.	3.416					
E. S. E.	2-53 6					
S. E. by E.	20056					
S. E. 03 L.	12466					
S. E. by S.	12346					1
S. S. E.	0°35'6					
S. S. E. S. by E.	0214'9					
SOUTH.	0:256.					
	0-58.94					
S. by W. S. S. W.	. 0=53'%.					
	125%.					
S. W. by S.	12478					
s. w.	2 42%					
S. W. by W.	2-42 N					
W, S. W.	3:46%.					
W. by S.	3 264.					
WEST.	4-13/9/					
W. by N.	4=06'%.					
W. N. W.	3:57%					
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. N. W. by N.	2°28'%.					
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Examined and found to be correct.

J. B. Moeller J. S. R. Navigator.

LOG of the UNITED STATES Ship Essex Morred to Dock, Chang Yard, Overfolk, Oa

Third Rate,

			Reading		WIND.				BAROME							Clear Hhs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, if 10ths.	State of the Sea
A. M. 1				Moored to Dock													
3																	
4					•												
5							•										
6																	
7																	
8																	
9																	
10																	-
Noon.																	

Course and distance	e made good since preceding noon by observation	ons,	knots.		tenths.	
	Latitude by D. R.		0	,	n .	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ②		0	,	"	
	Longitude by chronometer from Forenoon Ob	servations of ⊙	0	,	"	
	(Latitude by:		0	,	4	
Position at 8 A. M.	Longitude by		0	,	"	
	(Latitude by		•	1	"	
Position at 8 P. M.	Longitude by		0		u	
Current during the	time, knots tenths per hour, sett	ting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's	head	0			
Deviation of the Co	ompass by Azimuth O observed at , sh	ip's head	0	,	variation used, o	
Error of the Comp	ass by Azimuth O observed at , ship's	head	0	,	"	
Deviation of the Co	ompass by Azimuth O observed at , sh	ip's head	0	,	variation used, o	,
Water expended du	aring the preceding 24 hours,				gallons.	
Water	during the preceding 24 hours,				"	
Water remaining of	n hand fit for use at Noon,				"	
Coal consumed dur	ing the preceding 24 hours,		tons		lbs.	
Coal remaining on	hand at Noon,		172 " 2:	2, 4	0"	
				-	THE RESERVE TO SHARE THE PARTY OF THE PARTY	

P. M.										
1	moned to Dock									
2		9.04. by 04.	1-2	30.22	69	69	60	b.o.m.	cir. steak	4
3			1-2	30.19	69	69	60			8
4		,	1	30.16					air. cum	. 7
5		gev.	0-1	30.16	73	65	58		4	8
6			0-1	30.18	77	59	55			7
7			0-1	30.20						7
8			0-1	30.43	86	ss	51	6.	now	10
9		6	0-1	30. 23	86	52	50			10
10			0-1	30.22	86	50	47			10
11			0-1	30.22	85	48	47			10
fid.			0-1	30.22	85	49	45		-	10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

ON 1.20 P.M. this ship was put in commission going through with the following ceremony, all officers ordered to her and must transferred to her from mongaleta hing present at the colorical by the longle, the Energy was brited officers and men saluting, and the preman set at the main. The hommanding officer (Commander F. O. Dickine Ph. J. W.) read his ordered detacting him from the command of the VI F. F. Portongalets and ordering him to the command of the will. The ship was their turned one to the Commanding Officer by the Captain of the Yad, Captain B. J. Evonuth VI F. Ohe officer present sure beneaved F. O. Dickins, Emmanding Officer Existenced Commander F. Pr. Vice, Executive Officer, Europe VI F. Milton Naugator, Sengre Volles J. With Object officer, Energy R. M. Captain S. J. Bornath V. Vice, Executive Officer, Europe VI F. Milton Naugator, Sengre V. M. Captain S. Diction of Landon Rach Grant School, School Commongalet. Industrial Faymater V. S. Liche Chefer, Elevis Maria J. Commongalet. Industrial Resolution (B. M. 2) Chem. (B. M. 2) Resolution (B. M. 2) Res (Ch D. M.) Frederickin a (D. Mr. 20) Chaldin H. D. Mr. 30) Mr. San Or. Mr. 30) Johnson J. M. (R. Mr.) Hickory & D. Wieter 10) Causa M. Cher app. (c), Merin E. (Guter 2 c), Character P. E. Asto (c) Barato a. (This words). Treey J. (Etc.), Henry B. (Etc.) Pres J. (Etc.), Datetim E. (As.), Datetim E. (As.), Pertury J. (El.), Success J. (Lec.), There W. E. (Tailon), M. Raughter J. (Ed.), Mering J. (Ed.), Success J. (Lec.), There will be a fine to the first mile. Success J. (Lec.) Limiting E. (Res. Will), Lightfort B. H. (Pess. Will), Massey J. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Pess. Will), Massey J. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Pess. Will), Massey J. (Lec.), Limiting J. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Pess. Will), Massey J. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Pess. Will), Massey J. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Lec.), Massey J. (Lec.), Limiting E. (Lec.), Limiting E. (Res. Will), Lightfort B. H. (Lec.), Massey J. (Lec.), Limiting E. (Lec.), Trefething (Capita), anderem Paar (E. Ford), Yatagai Y. (Elbin Flend) Thuado H. (Ph. Love) Roger J. L. (Meso and), Sensim F. (Meso and). Tukaku & (Edwilly), Hester J. P. (Lh. Mate) Gruphy H. E. (Basko), Backellor & E. (Mach), Bacus H. (Lh.), Bissie Q. (Edw) and E. Hewetine (G.M. 20) Johann A (O.M. 20) was transfound from the Ornangabile to this creek, but not green me are out of king under twatownt at the March Anjetal.

4. B. Moillere, Lewtenant Or IN Margator

Quem 1.20 P. On. to 4 P.9N.

Denn 1.20 F. On to 4 PM.

Stoney, but pleasant Light airs and breeze from 99 by 94 to 494. Ever rugaged on transferring stone in Pay Dept. from Operangabiles, to stone house, and stone in Equipment Dept. from otorsknew to this laip. Backed from in botter so 2. By order of Commanding Offer the actual approximant of J. Or Johnson as I Showlinester is their day revolid his exercise as I cholmoster is their day revolid his exercise as I cholmoster being as large regular. The felorous continue of say yand, surgelyed on bond in Gram Engineering Dept. I machinist and I belgar: A Brill makes New Jee. Chelles Je. and I belgar. Fum 4 to 8 9.90

Elbar and pleasant. Eight air to light briggs from II. Brustud the crue of the Esser and gan them Fation bill, also tried hand and straw fire pumps of Esser and statured crue for five quartee.

n. A. boleman. Eugh W. F. M.

Dennet to 8 P.M. Bran and pleasant. Calmed and light F. 94y. and Banked frie.

Roger Welles fr. Ensign M. F.M.

From 8 P. M. to Mid.

id. Ebar and plannat. belun and light 9.44 ain. Banked frie Roger Avelles Ja Energi 9. 9. 9.

Examined and found to be correct.

Lutterant W. J. W. Navigator.

LOG of the UNITED STATES Thip Essey Morored to Dick, Chany Yand, Chorfolk, Cha.

Thud, Rate,

					WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear ths.	Sea.
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Onomed to Dock	balm.	0			30.18	86	47	45		b.	none	10	
2					4	0			30.18	86	46	44				10	
3						0			30.18	86	46	44		-	,	10	
4						0			30.16	86	45	44				10	
5					9.9er.	0-1			30.14	75	46	44		b.c.m.	eum.	7	
6						1			30.10						. "	6	1
7					-0.1	1			30.10						cir .cum	. 4	
8					999.	1-2			30.11	. 1	46					4	
9					F94.	1-2			30.08	,				-		2	
10						1-2			30.08						cum tani	4.1	
11					994. by Ot.	1-2			30.08							1	1
Noon.						2			30.07	74	55	52		0.0.		0	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ②	0	,	"	
	Longitude by chronometer from Forenoon Observations of O	0	,	"	
	(Latitude by	o	,		
Position at 8 A. M.	Longitude by	0	,	"	
		0		"	
Position at 8 P. M.	Longitude by	·		"	
Current during th					
	pass by Azimuth ⊙ observed at , ship's head	•			
	ompass by Azimuth ⊙ ob erved at , ship's head	0	,	variation used,	0
	oass by Azimuth ⊙ observed at , ship's head	0	,	"	
	Compass by Azimuth ⊙ observed at , ship's head	0		variation used,	0
	uring the preceding 24 hours,			gallons.	
	during the preceding 24 hours,				
Water				"	
	on hand fit for use at Noon,	1 tone (100	lhe	
	ring the preceding 24 hours,	/ tons 9	17.0	20 "	
Coal remaining on	hand at Noon,	.// . /	NO		

1.	moond to Dock	901. by 04.	0-1	30.08 76	54	54	f.c.	can muit	1
		Otest.	0-1	30.07 74					2
			2	30.07 73				civi cum.	3
			23	30.03 6	1 57	57		cum steat.	1.
		E. NE.	3-4	30.04 60	50	47	-		1
		NE.	3-4	30.09 68	48	45-	b.o.g.		7
			3-5-	30.16 70	46	44			7
			3.5	30.21 70	45	43			9
			3-5	30.25 70			1.9,	nou	10
			3-4	30,30 67	45	42			10
			3-4	30.34 66	42	40		-1	10
d.			4	30.36 66	42	38			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Omed to 4 a. On. Clear and pleasant. Calm. Banked frier

Roger Weller J. Ensign Va & M.

From 4 to 8 a. on.
Cloudy but pleasant balms and light aire from I II Banked frier brew engaged in acrazing pitch from deck.

Ruger Weller Jr. Enwign W. S.W.

From 8 a. M. to merid

bloody and mild . Sight air and breez from F. W. and F. W. by W. Even engaged in getting on board store in Equipment. Construction and Supplies and accounts Departments. Bet quarter deel awring on a stretch to ascertain fit havy good untimer engaged on board in Steam Enquering Text an fellow: 1 nahimist and 1 halper: 2 Boile naken and 2 halper. The linguist suff together paper of I of nature S.M. Mate. new transfered to the B. S.M. S Franklin
From Moved. to 4 P.M.

Cloudy and pleasant Light air from I O. to Greb Beau sugaged transforing store to their chips Changered J. P. Raabo (S. M. Mate) to I wast to assist to their strains of the order of Commanding Officer the following changes in water we established: I Justinia B. M. 10 to be B. Mate; with an actining appointment; C. T. Ficker Lea to O. M. 10 lease with an actining appointment of The Land Land Commander of the water as a country appointment of the same of the Same state of the same of the same of the Same state of the same of the same of the Same state of the same of the Same state of the same of the same of the same of the Same state of the same of J. P. Danion Drivow 10: J. D. Comi Dunian 1.0. E. J. Miller Dunian I class: John Hall Burnan I class: A Work (Ja.)

The J. Willie Side. : P. L. Chorten Lile; D. E. Broseman Britis Class and Jac. Welch, German and Constitue Forecen, E. Pauer.

Pany Yado unthrow sugagete on brand in Grane Engineering Diplo as follows I Machinist and I believe; I by elleghaster and I believe.

The acting apprintness of Petri Arm as Councie was the dray revoled; advanced to Failusekes tate M. Moof small Deliver. Eusign U. J. R.

From 4 to 6 9.90 Eloudy and pleasant. Gentle to moderate been from E. N.E. and N.E. Crew engaged in getting stone on brand in Eguyemink, Constantion and Guyplies and accounts Departments

Find Noël Lieutenant W. I.M.

Cloudy and pleasant Gentle breey from NE. Barometer rising

n. P. Coleman Ensign n. In.

Frank 8 P. M. to Mid Clear and Johnson Morderato Crey from NE.

M. P. Solsman Ensign N. I.W.

Examined and found to be correct,

Levileword WSON Navigator.

LOG of the UNITED STATES Thip Essex, Moored to Dock, Chany Gard Morfolk Cha.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Morred to Dock	Chorth	4-5			30.38	64	40	38		b. 91.	none	10	
2						4			30.37	60	39	36			.,	10	
3						3			30.38	58	38	35		b.		10	
4		3			"	2			30.39	58	38	35				10	
5					"	2			30.41	59	38	35				10	
6					"	2			30.43	59	38	35				10	
7					te.	2		-	30.44	60	37	35				10	
8						2			30.46	63	37	35				10	
9					.,	2			30.5	64	38	36				10	
10						2			30.5	264	38	36				10	1
11					NE. to 6.16.	2-1		1	30.5	64	41	39		b.m.		10	
Noon.					E.NE.	1-2			30.4	864	41	39				10	1

Course and distance made good since preceding noon by observations,	knots. tenths.	
(Latitude by D. R.	0 / "	
Longitude by D. R.	0 / //	
Position at Noon: { Latitude by observations of ⊙	0 / "	
Longitude by chronometer from Forenoon Observations of O	0 / "	
(Latitude by	0 , 1	
Position at 8 A. M. Longitude by	0 , "	
(Latitude by	0 / "	
Position at 8 P. M. Longitude by Longitude by	u , "	
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / //	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o , variation used,	. 0
Water expended during the preceding 24 hours,	gallons.	
Water during the preceding 24 hours,		
Water remaining on hand fit for use at Noon,		
Coal consumed during the preceding 24 hours,	tons 2, 2, 0,0 lbs.	
Coal compinion on hand at Nobe	170 " 132.3 "	

. м.	moond to Docio								
1		6.118.	1-2	30.45-57	41	39	b.o.m.	cir strak	.9
2			1-2	30.43 58	42	40		cir.cum	
3			1-2	30.38 60	43	41			8
4		6. N. E. to 86.	2	30.38 61	43	41	"	1	8
5		98. ly E.	2	30.38 62	43	41	"		7
6		. 0	2	30.40 63	40	38			4
7		,	1-2	30.39 65	40	38		1	9
8		,	1-2	30.36 65	39	36		-	a
9			1-2	30-32 68	-39	37		,	7
10		9. 8.6.	1-2	30.34 65	39	34		cape minet	2
11			1-2	30.38 63	39	37	,		1
Mid.			1-2	30.25-61	40	37	oud.		0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Clear and cool Moderate to light hery from North.

n. T. Coleman Ensign W. F. R.

Sum 4 to 8 a. M. .

Slear rand cool Light breey from North Barmeter rising. Received in Sept of Supplier and account 34 lbs. fresh breed, 4212 lbs. bref, 421/2 lbs. orgetables.

n. J. Coleman Gusign W. S.W.

Jum 8 a. m. to merid

Clear cool and pleasant Light airs and brees from NE to ENE. By order of the Commanding Officer the acting appointment of Chale Mr. Caully was removed to date from Och 8th. The Ordinand officer inspected the magazine and ator room and reported them ready to receive annountation and Ordinane stone. Come inagogad in taking about stone in Equipment and Continuition. Departments of ator boars came alongwide at 11.30. Banked first Day grad in Equal and Continuity. Department of a to the sound alongwide and 11.30. Banked first Day grad in Straight of Grand from Commanding Office. Continuity of Commanding Office. Continuity of Commanding Office. The Straight of Contract of

Clear and phenoment Sight bery from No. J. Tracey (Collet 3th class) was to day dividuaged from the Plant General research of enjoington of substances. Cran yand ungaged in getting on band store in Equipment Commission and Supplied and Department. Plan yand unchanned sugaged on hand an Straw Engueur Dept as follow: I had into substances and a sugar and sugar of sugar and song united and some substances and a sugar of sugar and song united and some substances and a sugar of sugar of sugar and song and song substances and song united and song substances and song united and song substances and substances and substances are substances and substances are substances and substances and substances are substances are substances.

Pin 4 to 6 P. M.

Briga Welles In ... Ensign W. S. M.

Dem 6 to 8 Pln 'Sear and cool Misty after sunset . Sight been from 96 by E.

In Noël Lewtenant W. S.M.

Drom & P.M. to Mid. Clear and coolfiest home, then cloudy and miety. Light begy fin F. F.E. Dryzleig nain last hom.

In Noel Leutewant W. S. Dr.

By one of Emmunding Officer the fillway exergenests were made to a Gender Lle as Long Tunning I & B. Cleaghter Lite as Jan of Tack.

a stoke by as love of General Land.

Lecterant W. S. Ch.

LOG of the UNITED STATES Ship Essel Profolk Va Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Onworld to Dock	J. F.	12			30 24	59	40	40		0.0.1.	numil	0	
2						23			30.22	1					.,	0	13
3						2-3			30.18					.,		0	
4						2			30.13	56	40	41				0	
5					balm.	0			30.09	53	42	41		0.0.		0	
6					P.W.	1			30.06	53	42	42		0.6.4.		0	
7						1.			30.06	66	43	43		.,		0	
8						1-0			30.06	71	43	43			V:	0	18
9						1			30.07	68	44	44				0	
10						1			30.07	68	45	45				0	
11						1			30.05	- 68	46	46				0	
Noon.						1			30.02	68	47	47				0	

Course and distant	ce made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	" .	
Position at Noon:	Latitude by observations of O	•	,	" 1	
	Longitude by chronometer from Forenoon Observations of ②	0	,	"	
	(Latitude by		,	"	
Position at 8 A. M.	Longitude by	•	,	" ,	
Position at 8 P. M.	(Latitude by	0	1	"	
Position at 8 P. M.	Longitude by	0.	,	"	
Current during the	e time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	•			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0 1
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	
Water expended d	uring the preceding 24 hours,	2	00	gallons.	
Water recei	and during the preceding 24 hours,	3 3	00	"	
Water remaining of	on hand fit for use at Noon,	31	00		
Coal consumed dur	ring the preceding 24 hours,	tons /	700	lbs.	
Coal remaining on	hand at Noon,	169 " 1	860	"	

P. M.			1			
1	moved to Dock	ga.	1.2	29.99 68 49 48	0.0.0.	wint. 0
2			1.2	29.98 68 49 49		. 0
3		વ્ય કુશ.	1-2	29.98 65 50 50	0.0.w.	. 0
4			1-2	29.95-6450 50	0.0.m.N.	. 0
5		,	1-2	29.92 54 56 50	"	. 0
6			0-1	29.8854 50 50		. 0
7		Calm	0	29.88 53 50 51	0.0. f.w.	0
8		"	0	29.8652 50 51		. 0
9		*	0	29.8453 57 51		" 0
10			0	29.82 53 51 52	"	. 0
11		9.98.	1-2	29.80 52 51 52		" 0
Mid.			2	29.79 52 51 52		" 0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Onedright to + a on . Orwast and raining . Gentle beeze from & F. .

In Noel Sen

From 4 to 8 a. On.

Ornerest and raining. Calm and light aire from FOR Received in Dept.

Supplier and accounts 42/2 lbs. bolf, 42/2 lbs. reget when, 34 lbs. lnad which passed inspection

In Nail. Livetenant Ou J. M.

for hold and Genral's stor worm Ist about a chain for bow In Darmeter falling. Desished attending that had been such for hor her bow here for the flurger. Pary your working for bow live and placed haver me dock that had been such for that flurgers. They your working and follow: 2 Briles backer and i belger and they good a follow: 2 Briles backer and i belger and they good. The boy man to be been supposed in boat in they find they good. The Briles backer is the first that they good the follows they are the supposed to the first that they good the supposed to the first they are the are they are the are they are the they are the

Den Mend to 4 9 9. Daconter Concast and raine Light air and beeze from F. to Or S. H. Baconter falling. Sout librity party action, Banked for Pay yand working sugaged on board in Fran Engineering Dept by follow: 2 Robert Masker and 2 helps and 3 horzanter and Jones in Construction Toph On Electrician surplyed to m brown from Nay yand.

* m brown from Nay yand.

From 6 to \$ P. P.M. Ourcash, various and foggy. Light It I. Ohly airs and calmer Barometer felling. Danked fries.

Roger Weller J. . Ensign W. J. M.

From 8 P. M. to Died.
Ourceast and foggy. Calmer and light airs and breyer from I. F.E.

Roger Weller Jr. Everign M. F.M.

* Fum 4 to 6 P.M.

Ourcast and drigging. Eight aris from Ch. I. V. Stated free in Briles B. at 40 M. Started free in Briles a. and allowed free to die out is Briles B. at 40 M. James Petreum Ch. M. at B. was discharged by warm of exquation of enlectment.

N. N. Colonian

n. A boliman

Examined and found to be correct.

Mitwant O. J. R. Navigator.

LOG of the UNITED STATES They Essel Moored to Dock Chang Yand, Charfelk Va.

Third Rate,

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.			Slear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moored to Docio	804.	1-2			29.73	50	51	51		1.C.m.w	Cen rein	40	
2				77007000 709 607070	89. to A. N.E	1-2			29.69					0.c.f. w.		0	
3					N.NE.	1-2			29.66					0.c.f. v.		0	
4						2-4			29.67					0.0.91.		0	
5					86.	2-4			29.68					0	minh	0	
6					6	1-3			29.68							0	
7					North	1-2			29.68	48	46	- 45	- 11	0.0.		0	
8						2-4			29.71	47	45	-45		0.0.d.		0	
9					South to N.NE.	2.4			29.70	46	45	45	-	0.c.w.	-	0	
10					1.18.	2-3			29.74	45	45	45	- 33	0.c.9.m		0	
11						1-3			29.77	45	45	45			"	0	
Noon.						1.2			29.76							0	

Course and distance	ce made good since preceding noon by	observations,	knot	s.	tenths.		
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		0	,	"		
	Longitude by chronometer from Fo	renoon Observations of ©	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	e time, knots tenths pe	r hour, setting to the					-
Error of the Comp	ass by Azimuth O observed at	, ship's head	0				
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0		variation used,	. 0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,	"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Water expended du	uring the preceding 24 hours,			300	gallons.		
Water	during the preceding	24 hours,			"		
Water remaining o	n hand fit for use at Noon,		2	800	"		
Coal consumed dur	ing the preceding 24 hours,		tons	220	o lbs.		
Coal remaining on	hand at Noon,		168 "	190	0 "		
				1			

P. M.										
1	Moved to Dock	N.N.8.	1-2	29.75	47 4	15-45-	0.c.q.m	. mint.	0	
2			0-1	29.71	47 4	5-46-			0	
3		North	1-2	29.73	46 4	5-45-			0	
4			2	29.75	46 4	45-45			0	
5			2-3	29.80	46 4	444	0.0.9.m.n.		0	
6		1.404.	2-3	29.87	46- 4	14 43			0	
7		,	2-3	29.91	45 4	13 42	"	4	0	
8		"	24	29.94				"	0	
9		N. A. W. to South	2-3	29.94	444	2 42	0.0.9. w.		0	
10		North	4-7	29.96	44 4	1 41	0.c.g. N.		0	
11			4-6	29.97	444	2 41	0.agm.g.		0	
Mid.			4-5	29.99	43 4	3 43			0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Purdnight to 10 a. M. .

Orwast foggy and rainy Tight airs from Set to Orodevate been from It. St & in squalls. B and fries.

Roger Welles J. Eneign W. F.M.

From H to 8 a. M. Orweast and rainy Which warying from JE. to North and from light and to mederate buy in free: Banked free.

Roger Weller In . Energy Dr. & ON

From 8 a. m. to Merid.

and inspected at Quarters at 10 called all hands to muster and read little breeze from N. N. E. at 9 so muetered and inspected at Quarters at 10 called all hands to muster and read little for the Government of the Gazz, and afterwards held General meeter Due bashed in Baler F. Sent library party where.

In Noël Lieutenant Cu. SON.

From Merid. to 4 G.M.

Own Moved to 49.9h. Orward and misty. Sight aire to light brey from A NE. to North. By order of the Commanding Officer the following brank was appointed in a coordance with active 359 W. F. Vary Agustines: org. Link Condr. J. M. Visi & F. Clary Cognitations: org. Link Condr. J. M. Visi & F. Clary Cognitations: org. Link Condr. J. M. Visi & F. Clary Cognitations: org. Link Condr. J. M. W. Clark & Clark & Clark & Consumanding Officer, J. Recent was reduced to 4th class condry for greataging leave 12 hours.

Susagn W. F. M. .

Geo.

From 4 to 6 P.m.

Onecast and rainy. I heatening weather. Gentle been fine North . Fire banked in Britis a.

Firk Noël Gieutenant Ch. ICh.

From 6 to 8 J. M. Onecast and raining . Eight to gentle beyo from A. A. Drie banked in Baler a

M. J. Coleman Ensign W. S. M.

Dum 8 P. M. to Mid.

Ormal and miety. Moderate beyn from N. S. Oh. to North with frequent heavy agralle. Barmeter vising. Frie banked in Brille a.

N. P. Coleman Ensign Q. J. M.

Examined and found to be correct.

Lieutenant ON J. O. Navigator.

Thuid Rate,

LOG of the UNITED STATES Thip Essex Moned to Dock, Chary Yard, Chorfolk, Va

					1 1			0									
			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the S
A. M.																	
1				Moved to Dock	Oroth	4-5-			30.05	44	44	44		0.c.g.w.	sumil .	0	
2						4-5			30.09	40	39	38		0. f. q. n.	11	0	
3					Or. Or. Or.	4-6			30 .12					b.c.w.		4	
4						5-6			30.17	35-	34	34				8	
5		*				4-5-			30.24					b.	une	10	
6					Sorth	4-5			30.24	31	30	28			"	10	
7						4-6			30.35	30	29	27				10	
8						4.6			30.39	30	28	26			"	10	
9					1.104.	4-6			30.43					beg.	cir.	9	
10						4-6			30.45							9	
11						3-4			30.45	31	30	-				9	
Noon.						3.4			30.44	35-	33	32				9	

Course and distance	e made good since preceding noon by observations,	knotş.	tenths.		
	Latitude by D. R.	0 ,	"		
Position at Noon:	Longitude by D. R.	0 /	· ·		
	Latitude by observations of ⊙	0 1	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"		
	(Latitude by	0 /	u		
Position at 8 A. M.	Longitude by	,	u u		
	(Latitude by	0 /	u u		
Position at 8 P. M.	Longitude by	0 /	·u	•	
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 (variation used,	0	
Water expended du	aring the preceding 24 hours,	250	gallons.		
Water	during the preceding 24 hours,				
Water remaining o	n hand fit for use at Noon,	2550			
Coal consumed dur	ing the preceding 24 hours,	/ tons /6	00 lbs.		
Coal remaining on	hand at Noon,	167 " 171	40 "		

P. M.											
1	Moored to Dock	Q. son.	2-3	30.45	38	36	33	b.c.m.	civ. um.	9	
2		,	2-3	30.47	43	36	32		cir. etial	8	1
3			2-3	30.47	39	37	33			8	
4		Q4. N Q4. to N N W	2-3	30.47						8	
5		94.96.94.	1-2	30.48	37	39	36	b.c.		9	
6			1.2	30.49	36	16	34			9	
7			0-1	30.49	36	36	34	b.	Ane	10	
8			0-1	30.50	35	36	34	"		10	1
9			0-1	30.49	35	35	34			10	
10			0-1	30.48	35	34	34			10	
.11		Calm	0	30.47	35	34	34	. "		10	
Mid.			0	30.48	35-	34	34			10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Correact and equally. They cleaning during last hours of watch . Morderate to fresh buys from North to N. N. W. Bar meter nising. Onis banked in Biler a.

N. S. bol sman Ensign Qu. F. M.

Dem 4 to 8 a. M. .

Blear and cold. Products to feel been from N. A. V. to North. Barmeter riving Dies banked in Briler it". at 7. houted stam launch from dock into the water Sent 9 wash stande on dock to true into otors. Received 34 lbs. brad, 421/2 lbs. regetables on braid in Dept of Supplies to Commit.

N. J. Coleman Ensign Qu. S. M.

From 8 a. On. to Onered.

- Clear cool and pleasant Products to fresh been in equally from N. N. M. Crew engaged in transferring steer in Equipment Dept. from Provongabiles to aton home and this chip.

J. Wesener (Cov.) about inthant leave. The following men from Yard supplyed on board: 4 in Enqueuing and 3 in Continuition Departments. Canhed fire in Boiler A.

Roger Weller In. Ensign M. J. M.

Fum Merid to 4 J.M. Equipment Department to the Nany Yand and to their ship from the Proposepalar. There way Yand and to their ship from the Proposepalar. There Nany Yand working for the Proposepalar in Sany Yand working selection from the Engineering Town of I have the Section of the Nany Yand working election fells. Received from the I h. I h. I handking, with bage and hammock and necessary pages, Edward J. I have Blackmith Patrick Nay and Leaster Maye, Landener While working steam launch perparating to true, from the steam fairton of the full pump bookin. I vive banked in Booke A.

In Noil Lintenant W. In.

Geneally clear and cool. Sight ain to gentle breve from N. N. M. Following Gard men at work on brand to 50 clock, 6 men in Engineering and 3 men in Contraction Departments and one electrican. Ot 5. 2 and librity men on above. Two banked in Boiler 4. Roger Welly, h. Exugo & J. a.

From 6 to 8 P. Mr.

Clear and cold . Light buys from N. A. V. Fries branked in Biler A.

In Nail Levitenant W. S. W.

Dun 8 P. M. to Grid. Blear and cold Light air from A. A. Drie banked in Brilon A. Calm last part of watch.

And Noil Surtewant & For Dieutenant W. S. W.

LOG of the UNITED STATES Thip Essel Moored to DOCK, Chary Yard Overfolk, Va

Third Rate,

			T	1	WIND.				BAROMI	ETER.	TEM	PERA'	URE.			ear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moved to Duck.	balm	0			30.48	35	34	34		b.c.m	cir. stral	9	
2						0			30.46						1,	9	
3					•	0			30.44	34	33	33			"	9	
4						0			30.42	34	32	32		"	"	8	
5						0			30.46							8	
6						0			30.45						"	7	
7					Inith	0-1			30.45	-29	28	28				8	
8					9. by W.	1			30.45					b.m.	une	10	
9						1-2			30.43					b.		10	
10						2			30.45	-40	35	32				10	
11					9.04.	2			30.4							10	
Noon.						1-2			30.44							10	
										-			-				

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	u .
Position at Noon:	1	0	,	H.
Position at Noon: Latitude by D. R.	"			
	(Latitude by	. 0	,	er .
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	n .
Position at 8 P. M.		0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used, o '
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0	,	"
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o
Water expended di	uring the preceding 24 hours,	300)	gallons,
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	225	0	4
Coal consumed dur	ring the preceding 24 hours,	tons /	900	0 lbs.
Coal remaining on	hand at Noon,	166 " 2	08	0 "

P. M.	moored to Dock	N. 104.	1-2	36.41	110	40	42	f.	None.	10
1	N700000 10 20000		1-2	30.40						10
3		"	1-2	30.39					,	10
4			1-2	30.39						10
5		6.16.	1-2	30.39				b.m.	4	10
6			1-2	30.38						10
7		E. N.E. to East	.1	30.38	41	40	38	b.o.m.	cir stral	8
8		East.	1	20.38						8
9			1	30.38				b.	none	10
10			1	30.38	38	37	35	.,	i i	10
11			1	30.38				.,		10
Mid.			1	30.36	37	37	36		-	10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and cold Misty balm . Give banked in Briler A.

First Noil Lieutenant M. J. M.

Firm 4 to 8 a. On. Clear and cold. Misty. Calm and light and from Gd. and Gld. Free banked

Ind Noil Lieutewant Ch. J. W.

Oum 8 a. M. to Merid

Clear and cool. Light aim to gently breeze from I by W to IN J. Hescore (Coo) was reported about inthut law. The following Row Young two workings workings in brutinitian Department and be included in Department of Itaus Sognituring. Willed Bater B with water from Good Received on broad in the Construction Department 1 rig. Duck to what in Boiler A. banked in Boiler A.

> n. J. Coleman Ensign Ob. S. M.

From Presid to 4 9 92.

Char and pleasant. Light air and breen from N. A. V. Villain Setten Ch. D. One.)

was transferred to Iraval Harapital and his accounts to the Dr. J. Receiving Ship Franklis. Synd men

employed on brand in Enqueres Department and 3 in Construction Dept. Careering The Observing

His Franklin Charles Theolis The Will (B. M. 2. and O.) with bag hamment and meetismy pagers. The acting appointment

of & B. Chamateur Cov) was remark for a period of sin months from Feb. 1. P. Crew sugaged in transferring

atoms from Promogabile to stockness and clearing up, the mostle Banked free in Taler A. By other of

Commanding Office D. Jorlyn (B. M. 2.) and P. Kay (Ch.) and reduced to 3th class and in for one trying learn is home.

(Roger Chelle, J.

Energy & M. From Merid to 4 9.9%.

From 4 to 6 9.90

Chay yard surkmen wer on brand: 3 men in Construction Department: 5 men in Department of Fleand Engueung. Banked fries in Brien A.

M. J. Coleman . S. W. S. W.

Qumb to 8 G. M.

Clear, cool and pleasant Tight airs from E. N.E. to East. Barmeter steady. Banked fues in Birler A.

Roger Welles & Energy M. S. R.

From 8 P. Mu. to Mid

Clear cool and pleavant. Fight air from East. Barometer starty. Banked free in

Boiler A.

Ocoger Chelles Jr.

J. B. Me illar, Navigator. Dicitement & P. M.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essel Moved to Dock, Pray Gard, Purfolk, Va.

Third Rate,

					0 0	-		-								-	2000
			Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Mumade to Dock	East	0-1			30.36	38	37	36		b.	Stre	10	
2					Calm	0			30.34							10	
3						0			30.32	37	36	35			"	10	
4						0			30.29	37	36	35				10	
5					Firstle	1.			30.31					b.c.	cir etrat	8	
6						1			30.30						"	8	
7						1			30.30					.,	"	7	
8						1			30.33						-	4	
9						1-2			30.32					b.o.m.	cum stral	- 1	
10					First to 9.90				30.32						"	1	
11					. F. G. W.	1-2			30.31					0.c.m.	"	0	
Noon.						1-2			30.29	49	45	43				0	
												-			-	-	

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 /	"	
	Longitude by D. R.	0 /	"	
Position at Noon:	Latitude by observations of ②	0 /	· ·	
	Longitude by chronometer from Forenoon Observations of ⊙	0 /	"	
		0 /	"	
Position at 8 A. M.	Longitude by	0 /	"	
		0 1	"	
Position at 8 P. M.	Latitude by	0 /	u u	
Current during th	e time, knots tenths per hour, setting to the			
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	. 0 1	variation used,	0 '
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /	"	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	
	luring the preceding 24 hours,	250	gallons.	
Water	during the preceding 24 hours,			
	on hand fit for use at Noon,	2000		
		. 140	A 11-	
Coal consumed du	ring the preceding 24 hours,	tons 170	O lbs.	
Coal remaining on	hand at Noon,	166 " 38	0 "	

. M.	moned to Dock	9.01. by 9.	2	30.24 50	46 43	0.c.m.	cum.	0
2			2	30.21 51			-	0
3		9. by W.	2	30.20 52				0
4		0.	1-2	30.17 53		b.o.m.	eir cum	. 1
5		ga.	1-2	30.16 51				1
6		,	1-2	30.15-49	47 45		cum strat	5
7			1-2	30.13 47				6
8			1-2	30.13 47			cum mil	2
9		9.90.	1-2	30.13 47	44 42			2
10		,	1-2	30.13 47		"	"	2
11			1-2	30. 13 47		0.0.w.		0
fid.			1-2	30.13 47	44 42			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. 9N.
Clear cool and pleasant. Light Easterly airs and calms. Barometer falling. Banked frie in Biler 4.

Roger Welles h. Ensign W. S. O.

Fum 4 to 8 a. On. Ganked fries in Both A. Rucurd in Pay Department 34 lbs brack, 421/2 lbs baf, 421/2 lbs haf, 421/2 lbs nageticles, which spassed inspection.

Roge Weller Jr. Eurign Ch. J. M.

Cloudy and mild Fight breye from Farth . At 9,30 following men about without lean: J. Presence (On) P. Kay (Land) and On Dolly (B. Nh. i.o.). Lean ligaged in getting or brand, store in Equipment, Construction Straw Engineering, Predical and Supplies and Calmute Departments. They was por gaugury and rigged out flying jet boom to are all correct. Dispartments. They was from Carly field engaged to bread 5 in Steam Engineering, 6 in Construction and one electricism. The Danked in Brille 4. By order of the Commandia officer the following acting approximate were made from this date: J. N. Brund S. N. 1e. J. This J. Prickle (M. at a. 3c) Field Eleman (Prickle 1. Conserve and mich last best for the community.) From 8 a. m. to Merid Whiter 10) John Hell Compressith) John E. Dremen Ch. G. Mate). Oncast and miety last half of watch.

Lieutenant W. J. W. Described to the 4 PM.

Oricast and pleasant Sight been from FM by 9. to 9 by W. Caccerd on braid Everys atoms in Equipment Department. The following men who greated acting appointments by order of the Cummanding Officer, O. S. Everton Painter film Orl 1. 1894. The State Grow Education that from Del. 2. 1894. The Winning the workness were from Del. 2. 1894. The State Grow Education Original State of State Growing their workness were advanted during this watch. Our man in Dept of State Connecting to men in British watch we broad in Dept of State Connecting to men with Original State of State From Merid. to H & M. Gusign W. G. W.

Oden 4 to 6 P.M. Cludy and cot. Light airs and bury from I by I Cereins from I I Or I Or anklin I Sterne (San) lith bag and hammoch. Nay yard workness employed on braid with 5 ar follows: one Fram Engineering: 6 Construction. Sent librity party asker. Once backed in Briter A.

From to 8 PM. in Boilor A. Banked frie in Boilor A. Debonan D. S. Coloman N. S. Coloman Eusign U. S. W.

Orwest and damy Light airs to light breeze from 9.99 P. Kay Edo) and Or Joseph (B. W. 20)

Examined and found to be correct returned on brank of hours continue. Banked fries in Boiler A.

M. N. boltman

Energy Ou & M.

1. B. Milton Suitewant U.S.K. Navigator.

Tientenant W. S. M.

LOG of the UNITED STATES Ship Essel Moved to DOCK, Chary Gard, Chorfolk, Va.

Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERA'	TURE.	State of	Forms of	Clear)ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Mond to Dock	F. 8 9 1.	1.2			30./6	4-8	45	41	1	0.c.m.	minit	0	
2					4	1-2			30.10	48	45	44				0	
3						1-2		,	30.09	48	45	44			"	0	
4						1-2			30.07	48	46	44		6.0.m		4	
5						1			30.09	48	46	44	4			4	
6					balm.	0			30.09	48	46	44	1	0.0.00		0	
7					9.90	1			30.09	49	47	45	-			0	
8						1-2			30.09	51	48	47			-	0	
9						2.3			30.16	51	49	48		0.0.0.		0	-
10						2.3			30.12	51	50	50)			0	
11					ON. 994.	2.3			30.15	52	51	52				0	-
Noon.						2-3			30.13	52	51	52				0	-

Course and distant	ce made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observation	ns of O	,	"	
		0	,	"	
Position at 8 A. M.	I consisted the	0	,	"	
		0	,	"	
Position at 8 P. M.	Latitude by	0	,	"	
Current during the	e time, knots tenths per hour, setting to t	the			
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	, ,	,		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's hea	d o	,	variation used,	0
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0	,	"	
	Compass by Azimuth ⊙ observed at , ship's hea	d		variation used,	0
	uring the preceding 24 hours,	30	0 g	allons.	
Water	during the preceding 24 hours,				
	on hand fit for use at Noon,	170	0	"	
	ring the preceding 24 hours,	// tons / /65 " 7	700	lbs.	
		165 " 7	20	44	
Coal remaining on	nand at Noon,	100 1	~		

P. M.									
1	moned to Dock	C4. 9. 9.	1-2	30.10 54	52	52	0 c.m.w.	mint	0
2			1-2	30.07 55					0
3			1-2	30.07 56	53	53		9	0
4			1-2	30.07 56	53	54	"	.,	0
5			1	30.07 56	53	5.3	0.0.m.	"	0
6		9.9%.	1	30.07 5-6	53	53		"	0
7			0-1	30.09 56			b.c.	cum.	3
8			0-1	30.09 56				4	3
9		Calm.	0	30.03 55	52	52	1		5
10			0	30.03 55	52	52	4	"	5
11			0	30.00 55	53	58	q	0	6
Mid.			0	29.99 56	53	52	1	1.	6

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a. OM Oncast and damp. Light air to light breeze from & IN Bargetter falling ler A. Banked fries in Boiler A. Ensign W. S.M.

Dion 4 to 8 a. M. .

Ourwoad and damp balm to light breeze from S. S. . Bavineter steady J. Skuence (bri) returned 72 hours oritime. Banked frie in Borer A. Simbled deeres, ladders and gratings with pands.

n. P. Coleman Ensign U. J. M.

From 8 a. M. to Merid.

Oricast and rainy. Light airs to gruthe breeze from 9. 9 N. to M. 9 N.
Baroneter rising. Fireblid paint work with a pap and fresh water. Banked free in Birler A.
2 yard men in Construction Dept. and 3 in Engineers Dept. employed on board.

Koger Weller, Jr., Ensign W. F. R.

Ornead and rainy. Sentle bury from 91. In Dunudwately after 12. the free alarm rang in the Plan yard. Then an officient or report to the Captain of the Yard: who reports that the alarm was on account of a defective flux in the quarter of Line. Viley and that the cerricis of one crew would not be receded. Plany Yard workness at work on board as follows: Centrovition Dept. 4. Than Engineering 3. Leven digaged in accaping deck, cleaning up battery and other ship work. I see banked he Briter 4. Dum Meiid to 4 P.M.

You Noil Luitenant W. S. D.

From 4 to 6 P. Mr. .

Quecast and mitty Light airs from N. F. V. to S. J. Barmeter strady.

H fand mun in Emituation Tepl. and 3 in Iteam Engineering Dept. Employed on brand until
5.00. At 5.00 sent likety party on ahm. Banked frie in John A.

Roger Chelle Jr.

Roger Welles In. Ensign W. F.W.

From 6 to 8 P.M. . Cleaning wather. Light air from S. IN. Priv banked in Biler A.

In Nill Luitenant M. S.M.

From 8 P. M. to Mid. Boler and pleasant balm . Fries banked in Boler A.

Ind Noil Gentenant W. J. Dr.

Examined and found to be correct.

Seitenant & S. M.

LOG of the UNITED STATES Thisp Essel Charfolk, Va. Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			Hear	-
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	A
. M.				Ouroued to Dock	F. J. W.	0-3			29.99	56	54	54		b.c.p.q.	mint.	3	
2					"	1-2			29.91					b.c.m.		5	B
3						1-2			29.93	56	55	55	-	.,	"	5	I
4						2-3			29.90					0.0.9,0		0	H
5						1			29.91					0.0.4.	"	0	ı
6					South	1			29.90	59	5-6	56		b.o.v.	am wint	1	ı
7						1			29.89					b.e.		2	ı
8					9. by W.	2			29.90							3	ı
9					South	2-3			29.91							5	ı
10					9. by 91.	2-3			29.91	65	- 63	64				4	1
11	100				J. 904.	3-4			29.92				-			3	I
on.					Soll by Oh.	3-4			29.89							3	ı

Course and distan	ce made good since preceding noon by obser	rvations,	knots.		tenths.			
	Latitude by D. R.			,	"			
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of ③		0	,	"			
	Longitude by chronometer from Forenoo	n Observations of ⊙	0	,	"			
	(Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
	(Latitude by		0	,	"			
Position at 8 P. M.	Longitude by		o	,	"			
Current during th	e time, knots tenths per hour	, setting to the						
Error of the Comp	oass by Azimuth O observed at , sl	hip's head	0	1				
Deviation of the C	Compass by Azimuth @ observed at	, ship's head	0	,	variation used	, 0	,	
Error of the Comp	oass by Azimuth @ observed at , sl	hip's head	0	,	"			
Deviation of the C	Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used	, 0		
Water expended d	uring the preceding 24 hours,		30	0	gallons.			
Water	during the preceding 24 ho	urs,						
Water remaining of	on hand fit for use at Noon,		14	100				
Coal consumed du	ring the preceding 24 hours,		tons /	50	O lbs.			
Coal remaining on	hand at Noon,		164" 1	66	0 "			

P. M.		- 1						cot com.	
1	Moved to Dock	994.	3.4	29.85 73	70	66	b.c.	cur.	4
2			3-4	29.84 73					3
3			3-4	29.84 73					3
4			3-4	29.85 72	100			cum stret	. 2
5		٠,	3.2	29.86 71			b.c.m.	cir stat	1
6			1-2	29.86 69	68	65		cir.cum	2
7			1-2	29.8668					5
8			1	29.87 67			11	wint.	2
9		Frith	0-1	29.88 67					2
10			0-1	29.88 67			0.0.m.		0
11			0-1	29.88 65				1.	0
Mid.			0-1	29.88 64					0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a M. Cloudy and mild. Misty . Squally syppeavance. Rain last home of watch Sight breeze fund ISM. Frie banked in Bliter 4. And Noël Swittmant M.S. Existended M.

From 4 to 8 a. On.

Oncease and cloudy. Caining first spart of watch Sight been from

Puth blondy and minty last spart of watch. Received in Dept of Supplies and Recente
34 lbs. Inad, "421 lbs. buf, 421/2 lbs. negotables which spaced inespection There backed in
Boiler A.

Fort No. O

From 8 a. On to Merid.

- Cloudy and mild Light to moderate breys from South to I & by & bown ugaged

in getting on braid and wild. Eight to moderate breys from South to F.W. by W. brew sugaged in getting on braid and atomic stores in Dight I tam Engineering, Dept of Eupplies and accounte Equipment Dept. and Ordinaus stores The following new west stagged in work on braid from the Gade , & men in Dept. Fixen Engineering and 5 in Constantion Dept. Fire banked in Booler A.

Anom Mexico to 4 P.M. Ensign U. J. W. Senten U. J. W. J. Love Manight U. J. W. Senten U. J. W. J. W. Senten U. J. W. J. M. J. Market warm and pleasant. Gentles to moderate breeze from J. W. J. yard men in Engineering Dept. and of in Construction Dept. at work on board. Crewengaged in atmong blow Paymastels and Equipment atms. Banked free in Boler A.

Roger Welles In

Prim 4 to 6 G.M.

Cloudy and mild Sentle breeze to light air from \$94. Finished stowing Equipment atons and stone in Paymenters stoneron. Banked fries in Boles A.

M. P. Scoleman

From 6 to 89.94.

Choudy but warm and pleasant. Light airs and breeze from FM. Barometer ring slowly. Dries banked in Birler 4.

Coger Welles Ja Erony 8 P. Du, to Dud

From 8 P. M. to Mid.
Oncest, mild and pleasant. Calmer and light Fordhuly airs. Barometer steady. Banked frie in Birler. A.
Roger Chelle Jr.
Roger Chelle Jr.

Examined and found to be correct.

Lieutenant & J. R.

LOG of the UNITED STATES Ship Essel Morfolk, Va. Phild Rate,

						1	1			U					-		
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1				Moored to Dock	Calm	0			29.88	62	62	61		0.c.m.	rumb.	0	
2						0			29.86	62	62	61				0	100
3						0			29.85	62	61	60		4'		0	
4						0			29.86	-62	61	60				0	
5					•	0			29.87	63	61	60		b.c.	-	3	
6						0			29.89	63	61	60		0.0.		0	
7					9%.	1			29.94					b.e.	cum minil	. 2	
8					9 W. by W.	1			29.98	-63	61	60			strakminh	1	
9					. 0	2-3			29.96					b.o.m.	cir. cum	3	
10						2-3			29.98	66	64	60				4	
11						3.4			29.98						"	6	
Noon.						3.4			30.00	72	69	60				5-	
		1					-						-		1	-	

Course and distan	ce made good since preceding noon by	observations,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from For	renoon Observations of ⊙	0	,	"	
	(Latitude by		0	,	11	
Position at 8 A. M.	Longitude by		0	,	"	
	(Latitude by		. 0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during th	e time, knots tenths per	hour, setting to the				
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	,		
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	!	variation used, o	
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	,	11	
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	,	variation used, o	
Water expended d	uring the preceding 24 hours,		30	00	gallons.	
Water	during the preceding	24 hours,			"	
Water remaining of	on hand fit for use at Noon,		111			
Coal consumed du	ring the preceding 24 hours,		tons	160	O lbs.	,
Coal remaining on	hand at Noon,		164"	60	"	

. M.								13		
1		moored to Dock	Oh. by S.	2-3	30.01 73	69	60	b.c.	cir cum.	4
2	"		Chest	2-3	30.02 73	69	59		stist	7
3			Oh. by N.	2-3	80.02 7	3 71	60		cir cum	8
4			N.NOU.	1-2	30.046	7 74	65		cir strat	9
5			Ch. NO.	1-2	30.05-61	6 73	66		cum.	8
6				1-2	30.09 6	4 66	59	"	"	9
7				0-1	30.10 6.	3 62	56			9
8			balm	0	30.13 6	160	54	b.	none.	10
9			,,	0	30.16 58	54	51	"		10
10				0	30.19 57	55	49		4	10
11				0	30.20 50	55	49		"	10
fid.				0	30.20 55	- 54	49			10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 40 M. Overcast and mild. Calms. Barometer falling Banked free in Boiler 4.

Roger Welles Ja Ensign U.S. M.

From 4 to 8 a. M. .

Onicast and cloudy. balow to Eight Fliky airs. Baroneter rising rapidly. Received 34 lbs. fresh bread, 461/2 lbs. bref, and 42 h lbs. regetables which passed inspection. Banked free in Boiler A. Elbrity men returned on time.

Roger Chellis Jr. Ensign M. S. M.

From 8 a. On to Onewal.

Clear and pleasant Gentle to moderate been from FU by & Crew engaged in getting Equipment, Contraction and Ordinance stone or brand. Engineer force orallabeling engineer and Voler and testing steam launch. Navy Yard workends implyed or broad as Jolenn: Emetiment 4, Steam Engineering 3, Ordinance 3. Fine backed in Boiler A.

Find Noil Sientenant & J. R. .

From Presid to 4 P. M. .

Clindy and warm . Light to gentle breen from D. by J. to D. by D. brew engaged cleaning yard workmen were on bodied during the watch: 5 men in Dept Steam Engineering, Ordnauer 3 men, Construction 4 men.

N. N. Coloman

n. P. Coliman Ensign W. J. Ok.

Diom 4 to 6 P. On.

Bleav and pleasant. Light been from N. A. W. Fint librity party ashore. Workmen from Navy York Industry party ashore. Workmen from Navy York I Brustwater 1. Desir Sanked in Briter 4.

Int. Noil.

Electron 1. D. O.

N. N. bol Eman Energin U. L. M.

Dem 8 P. M. to Mid. Calm and pleasant. Deier banked in Boiler A.

M. A. Cofeman Ensign U. S. Ok.

Examined and found to be correct.

J. B. M. illin, Navigator. Juitenant U. J. M.

LOG of the UNITED STATES Phip Essel Third Rate, Oxored to Dock, Chary Yard, Chorfolk, Va.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.		Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1				moved to Dock	Calm	0			30.22	55	54	49		b.	nine	10	
2						0			30.22	55	54	49		"		10	
3					u	0			30.23	54	54	49				10	
4					"	0			30.24	53	53	49		:		10	
5						0			30.25	51	51	49		b.c.	cum	7	
6					d'.1-	0			30.26						"	4	
7					g.g.w.	0-1			30.26					0.0.	cum stra	10	
8						0-1			30.26	1		- 1		bo.	v.	0	H
9					-0	0-1			30.3/						cir.	2	
10					901. to 1.18	0-1			30.33						cir cum	. 2	
11					J. NE.	0-1			30.34						-	2	
Noon.						0-/			30.35	- 62	61	55		-		3	-

Course and distan	ce made good since preceding noon by ob	servations,	knots.	tenths.
	Latitude by D. R.		0	, ,,
	Longitude by D. R.		•	, ,,
Position at Noon:	Latitude by observations of ②			, ,,
	Longitude by chronometer from Foren	oon Observations of ⊙	0	, ,,
	(Latitude by		0	, ,
Position at 8 A. M.	Longitude by		0	, ,,
	(Latitude by			, ,,
Position at 8 P. M.	Longitude by		o	, ,,
Current during th	e time, knots tenths per ho	our, setting to the		
Error of the Comp	ass by Azimuth O observed at	ship's head	0	
Deviation of the C	ompass by Azimuth © observed at	, ship's head	0	variation used,
Error of the Comp	ass by Azimuth O observed at	ship's head	0 .	ı - n
Deviation of the C	compass by Azimuth ⊙ observed at	, ship's head	0	variation used, °
Water expended d	uring the preceding 24 hours,		300	gallons.
Water	during the preceding 24	hours,		
Water remaining of	on hand fit for use at Noon,		. 80	0 "
Coal consumed du	ring the preceding 24 hours,		tons 90	
Coal remaining on	hand at Noon,		163" 14	00 "

. M.	-									
1	moved to Dock	N. N. E.	1.2	30.32	62	61	56	b.c.m.	cir.eum	. 3
2		balm	0	30.32	62	62	57			2
3			0	30.32	62	62	57			1
4		9.86.	0-1	30.31	60	60	55	0.0.m.		0
5			0-1	30.32	59	59	54		ls.	0
6		balm	0	30.32	57	58	54			0
7			0	30.33	55	56	43			0
8		9. by E.	0-1	30.33	54	54	51	"		0
9		!	0-1	30.29	53	53	50	b.c.m		2
10			0-1	30.29					.,	1
11			0-1	30.28	52	51	49			1
fid.		-	0-1	30.24	52	51	49			1

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. :
Clear, calm and pleasant. Fire banked in Biler A.

M. D. Lostman Eusign Ch. S. M.

From 4 to 8 a. On . Cloudy and cool. Calms to light and from I I'M Dries banked in Birler A.

M. J. Coleman Eneign W. S. M.

Drow 8 a. M. to Merid
County but pleasant. Light variable and Barometer rising at 10.00 mustered crue at Quarter Banked fine in Boiler A.

Roger Welles J.

Roger Chelles Jo Ensign D. S. Or.

Firm Merid to 49 M. Clordy and pleasant Hazy. Calm and light aris from & N.E. to I. F. Fer Sent librity party ashore. Fire banked in Boiler A.

Int Nil Leutenant Qu S. On

Dion 4 to 6 PM. Cloudy but pleasant. Calme and light airs from I & Banked frie in Boiler A.
Roger Welles fr

Roge Welles In Ensign W. J. M.

From 6 to 8 PM. Ourcast and hazy. Calm and light airs from F. by E. Fire banked in Boiler A.

In Noil Lieutenant U. S. R.

Fire banked in Biler A.

Suitement W. A. R.

J. B. Me ilton Navigator. Simitement & J. Dr.

LOG of the UNITED STATES This Essel Moved to Dock Mary Yard, Norfolk, Va.

Third Rate,

					WIND.	V			BAROME	TER.	TEM	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Movred to Dock	9. by E.	0-1			30.29	51	51	48		b.c.m.	mil.	1	
2					0	0-1			30.30	51	51	48		0.c.m.		0	
3						0-1			30.27	51	51	47				0	
4						0-1			30.23	51	50	45		0.0.m.d.		0	
5					6.96.	1			30.21.	51	49	46		0.c.w.		0	
6					East	1-2			30.18	49	47	47		0.c.n.		0	
7					8.48.	2-3			30.16					0.0.m.d.		0	
8						3			30.14	49	46	46		0.0.m.a.		0	
9					East	3			30.08	49	46	46		"	"	0	
10					"	3.4			30.01	48	47	47		"		0	
11					"	3-4			29.97	49	47	47				0	
Noon.						3-4			29.89	49	48	49				0	
												-	-				

Course and distance	e made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O	0	,	"		
	Longitude by chronometer from Forenoon Observations of O	0	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	1	"		
Position at 8 P. M.	Longitude by	0	1	"		
Current during the						
	ass by Azimuth ⊙ observed at , ship's head	0	4			
	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
	ass by Azimuth ⊙ observed at , ship's head	0	,	"		
	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0	
Water expended du	aring the preceding 24 hours,	30	0 8	rallons.		
Water	during the preceding 24 hours,					
Water remaining o	n hand fit for use at Noon,	50	0	"		
Coal consumed dur	ing the preceding 24 hours,	tons /	650	lbs.		
Coal remaining on		162. 19	190	4		

P. M.									
1	Moond to Dock	East	3.4	29.74 5	52 50	66	0.0.2.0.	runt	0
2			3.4	29.75-8	53 51	52	"	"	0
3		9.8€.	3-1	29.69 8	54 53	54	"		0
4			0.1	29.65	54 55	56			0
5		9. ly E.	0-/	29.62			l.c.m.d.	musik.	3
6			1-3	29.57	62 61	62	t.c.m. v.		
7		9. 9.04.	2-3	29.55-1			b.c.m.w		
8			2-3	29.54 6	3 62	61	b. o. w.l.	"	8
9			3-4	29.54			bo.		
10		for by f.	3-4	29.54			b. c. p.g.	cum anil	9
11			3	29.55	64 59	59			
Mid.			1-2	29.55			0.c.p.s.	munit.	0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. m. Overcast and misty Sight aim from S. by & to & S. & Fini banked in Bother A. Light displing raw last how.

Int Noil Luiterant On S.M.

From 4 to 8 a. On.

Ornacl and raining . Light to gentle berry from E. F.E. to E NE. Derive banked in Briler A.

Ford Noil Linterant M. S.M.

From 8 a. M. to Merid.
Oricies and raining. Gentle to moderate been from Each. Barmeter falling Received in Dept. of Trapplies and raining 34 lbs. brad, 42/2 lbs. fred beef, 42 1/2 lbs. nogetables.
Link York Piril was detacked from this ship and placed on waiting orders. Received on board tarpoullis in Equipment Test. Banked from we Briter A.

N. I. Coleman Eusign W. S. O.

From Previde to 4 P. P. R.

Overaal rainy and misty. Sentle to moderate been from East to 9.9 6.
Baronster falling. Received 2700 gettine fresh water from water brok Plushackled 30 fathmer which have have chain and shalled 15 fathmer of it we lack boom chain Banked fire in Boiler A. Sand net monthly money. Received on braid store in Egupement Europe Department.

Roger Weller fr. Eneign W. J. W.

From 4 to 69 M. Cloudy and pleasent. Raining during last home. Calm to light air from F. by E. Barmeter fulling By when of the Commanding Officer the following activing appointments were received a Mr. Thank Chief & Nov. James From July James Longon, Olerfrom Jul. 2. 1894. James Longon, Olerfrom Jul. 2. 1894. Banked free in Bollow A.

1. J. Coleman Ensign W. S.W. Banked fire in Brees 4. Oun 6 to 8 P. Mr.

Roger Chelles Jr. Ensign V. J. R.

From 8 P.M. to Paid.

Clondy with specing rain equallor bently to morderate beaut from I & M. to & M by &.

Barmeter strady Bankod free in Briler. 4.

Roger Welles Je Roge Chelles Je Ensign W. SM.

Examined and found to be correct.

J. B. Milton, Navigator. Lieutenant R. S. R.

LOG of the UNITED STATES This Esset Moored to Dock, Chang Yard Charfolk Ca.

Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Hear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				Moned to Dock	11.04.	2-4			29.57	52	54	52.		0.0.9.6.	wit.	0	
2				7707440 23 601010	"	2-4			29.60					b.c.g.			
3					,	2-4			29.62					"		7	
4 5						2-4			29.6					l. v.		7 4	
6						1-2			29.77	45	45	-44		-	um.	4	
7					04.194.	2			29.81						com mil		
8 9			•		104.	2 2			29.9	44	43	43		b.c.m.		2	
10						2			29.98							2	
11					104. to 1.50				30.0							2 2	
Noon.					NNO. to North	, 2			30.04	50	48	46		•		2	

Course and distance made good since preceding noon by observations,	knots.	tenths.	
(Latitude by D. R.	•	, ,,	
Longitude by D. R.	0	, ,,	
Position at Noon: Latitude by observations of ②	0	, ,,	
Longitude by chronometer from Forenoon Observations of O		, ,	
(Latitude by	0	, ,,	
Position at 8 A. M. Longitude by	0	, ,,	
	0	, ,	
Position at 8 P. M. { Latitude by Longitude by	o	, "	
Current during the time, knots tenths per hour, setting to the			
		variation used.	0 ,
14.1		, "	
Error of the Compass by Azimuth ⊙ observed at , ship's head		variation used.	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head			
Water expended during the preceding 24 hours,		gallons.	
Water Acceurd during the preceding 24 hours,	270	0 "	
Water remaining on hand fit for use at Noon,	290 1 tons 36	0 "	
Coal consumed during the preceding 24 hours,	tons 3	0 0 lbs.	
Coal remaining on hand at Noon,	161 " 16	30 "	

P. M.						
	d to Dock N. NE.	2-3	30.06 50 48 46	b.c.	cum suit .	6
2		2	30.07 48 48 46	00.		6
3	NE. by N.	2	30.09464745	"	. 0	,
4		1-2	30.12 46 45 44	4		0
5		1-2	30.15-45-4443			0
6	18.	2-3	30.16 46 44 42	"	. 1	0
7		2.3	30.19 46 43 41		, 0	,
8		2-3	30.25-45-43 41	b.c.	. 4	4
9		2-3	30. 29 43 41 40		civ aum s	5
10		2-3	30. 29 42 40 39			6
11		3-5	30.2941 40 39		um.	
Mid.		3-5-	30.31 40 39 88		our strat 4	

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. OW. Cloudy with aqualle. Light to moderate breen from N. & Baroneter riving. Banked from So Boler A.

Rogulbelles Ja Eneign W. S. R.

From 4 to 8 a. m. Lo londy and cook. Light to modulate brey from A 94 to 94 A 94. Baronter riving rapidly. Banked free in Boler A. Roger We

Roger Welles In Enrique W. F. M.

From 8 a. M. to Merid. South breeze Not to North. Cloudy and cool. Engaged in getting storce on braid. Account in Egyipmus Departments two wagon loads of sails and other course. One man on braid at work in Steam Engineering Link. J. E. Purcell. (V. I. N. reported on braid for duty. alm 9.30 the D. F. F. Vendous same in and near alregade what near the day dock. Impusting of magazine 42 found, 42 aft.

J. B. Meilten. Lieutenant V. J. W.

From Merid to 4 J. M. Crow Mered to 4594. Cheese and cool Light to quetle brees from N. No. to No. by N. Received on broad in Orderance Dept. the auminition for their ship. Describe in Equipment Dept. por fine and rockets. The following yeard workness were no braid: I man in Dept. Them Engineering and 3 men in Orderance Dept. Banked fine in Briler A. Commanding Office of the B. I Thanked paid on of fine that to the Emmanding Office of their orecel. By man of Commanding Office I state (B. M.). Dool some new wedness to 3th law conduct for ourtoying lear 16 hours.

The Command of the Bour Conduct for ourtoying lear 16 hours.

The Command of the Bour Conduct for our toying lear 16 hours.

Drow 4 to 6 In South breen from No. by N and No. Cloudy and cool. Engaged in taking on board and atoming amminitaris.

J. B. Moilling. Lieutenast D. S. Dr.

From 6 to 8 P.M. Cludy and cool. Light to gentle been from NE. Baroneter riving Finished atmosf ammunitim in magazine and locked magazine Banked free in Borlet A. N. D. Norfman Energie W. L. R.

Diene 8 9. 90. to Mid. Colored and cool Light to stiff breys from N. 6. Barometer riving. Banked fire in Birler A. N. Dolorman n. P. Coleman Energin W. J. N.

Examined and found to be correct.

Dieutengut V. F. Navigator.

LOG of the UNITED STATES Phip & SLEX Phonos Phind Rate, Mooned to Dock Plany Yand Phonfolk Va.

						U	V			-	/						_
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	se Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moned to Dock	JIE.	2.4			30.29	89	39	38		b.c.g.on.	cum.	3	
2						3-5	-		30.29	38	38	37			-	3	
3						2-3			30.31						"	4	
4						2.			30.32	39	39	38		b.o.m.	cir um	.6	
MARIN	. 1.	1	1 1		"	2			30.32	37	37	35			eid.	7	
6						2		-	30.33						cum strai		
7					"	2			30.37							2	
8						2			30.39							1	
9						2-3			30.39						Cum rink		
10					•	2-3			30.38					0.c.m.		0	
11	1	-				2-3		-	30.36					0.0.0.		0	100
Noon.						2-3			30.04	40	39	39				0	
												-			-	-	-

Course and distan	ce made good since preceding noon by	observations,	knots.	tenths.	
	(Latitude by D. R.		0	, ,,	
	Longitude by D. R.		0	, ,	
Position at Noon:				, ,	
	Longitude by chronometer from Fo	renoon Observations of ©	0	, ,,	
	(Latitude by		0	, ,,	
Position at 8 A. M.	Longitude by		0	, ,,	
	(Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		0	, ,,	
Current during th		r hour, setting to the			
	pass by Azimuth O observed at	, ship's head	0		
	Compass by Azimuth O observed at	, ship's head	0	variation used,	0 1
	pass by Azimuth © observed at	, ship's head	0	, ,,	
	Compass by Azimuth O observed at	, ship's head	0	variation used,	
	luring the preceding 24 hours,	, , , , , , , , , , , , , , , , , , , ,	40	gallons.	
Water	during the preceding	24 hours			
	on hand fit for use at Noon,	14 110410,	25	00 "	
			2 tons 87		
	ring the preceding 24 hours,		159 " 81	0 "	
Coal remaining on	nand at Noon,		1		

P. M.									
1	Moored to Dock	6.86.	2-3	30.33 3	9 38	38	0.0. N. W.	mint.	0
2		,,	2	30.31 30	9 38	38		.,	0
3		"	2	30.214	10 39	38	0.c.h.w.		0
4		,	2	30.21 4	10 39	38	0.00.		0
5		,	2	30.15- 4	11 39	39		,	0
6		"	2	30.13 4	2 40	39			0
7		N. E. by E.	2	30.11 4	13 40	40			0
8		NE.	7,3	30.08 4	13 41	41			0
9			2.3	. 30.01 4	4 42	42		,	0
10			2-3	29.94 4			4	.,	0
11			2-3	19.914			"		0
Mid.			3-1	29.82 4					0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Hazy and cool. Sight to gently breeze with light equalls from No. Barometer riving! Banked free de Brile A.

n I Lohman Ensign W. J. Ok.

Dum 4 to 8 a. M. Hazy and cool. Light breen from N.E. Barometer neing. Received in Dept. Lupplin and Oceansts 34 lbs. brad, 42/2 lbs. moat, 42/2 lbs. regitables. Banked free in Boiler A. At 40 Clock started free in Bolew to and D.

n. n. boleman Gusign W. J. W.

From 8 a. m. to Merid Some of the state of the watch; orwered last three hours. Throwing last two hours. Individe the last two hours. I have all two hours. I have a last two hours. I have to be a started engines for trail Received throw on band in Egyppunh and Odman Departments. Our machinest from bany Yard at work in Engueron Department Joseph Phenove box received their day a permanent approximent as Connain to date from august 1. 1893. Omputer of magazine 37° found 39° aft.

Is Lintenant V. J. Dr.

2. stopped straining in account of forward recentric few getting familed. The Communiting Officer paid an official writer on the Communiting Officer of the Viewness. Then I Wilke (M. At Cl. 2.c.) left the eligible we leave of absence for one book, with permission to jou the ship at Revigort. These banked in Boles A. b. and D. Fum Merid to 4 P.ON.

J. B. Me elter. . J. Lewitenant U. J. M.

Dien 4 to 6 P. M. Light bruzy from E. N.E. Oricael and cloudy. Raining Vive banked in Britis A. C. and D.

The Lieutewart V. Sa.

J. B. Meiltin, Juitenant W. Ja

J. B. Me elter

Leviterant U. S. N.

Examined and found to be correct.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea
A. M. 1				Moored to Dock.	NE. t. 9.96.	1-2			29.73	46	44	45		0.e.n.	rumb	0	
2					9.96. to 91.901				29.68					0.e.m.	"	0	
3					W. 90V.	1-2			29.69	4 48	47	47	1	A		0	
4						1-2			29.61					0. c.d.	,,	0	
5					W. St W.	1-2			29.65	-46	44	45		00.0	"	0	
6					A Ch. by W.	1		1	29.65	-43	44	44		" ,	"	0	
7						2-3			29.66	41	42	41		,	"	0	
8						2-3		2	29.63	39	39	39				0	
9					01.901.	2-8			29.64	40	39	39		0.0.00.	"	0	
10					Otest	1-2			29.60	40	38	38		0.0.		0	
11					,,	1			29.6	140	38	38			cum.	0	
Noon.						2-3		133	29.61	41	39	39			cteat wind	. 0	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 /	"	
	Longitude by D. R.	0 .,	"	
Position at Noon:	Latitude by observations of ①		"	
	Longitude by chronometer from Forenoon Observations of	0 0	"	
	(Latitude by	0 ,	"	
Position at 8 A. M.	Latitude by Longitude by	0 /	"	
	(Latitude by	0 /	"	
Position at 8 P. M.	Longitude by	. 0 /	"	
Current during the	e time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 '		
Deviation of the C	ontpass by Azimuth O observed at , ship's head	0 ,	variation used, o	,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	"	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, °	
Water expended du	aring the preceding 24 hours,	300	gallons.	
Water	during the preceding 24 hours,			
Water remaining o	n hand fit for use at Noon,	2200		
Coal consumed dur	ing the preceding 24 hours,	3 tons 80		
Coal remaining on	hand at Noon,	156 " 73	30 "	

P. M.								
1	moored to Dock	Ch. In.	2.3	29.6142 4	140	bo.	cum.	2
2		4	2-3	29.6249 44	43		eir um	2
3			2-8	29.63 51 46	45		cum.	
4			3	29.65-49 46		-	,	2
5		,	3	29.65-48 46		"		2
6		Ollys	4	29.72 47 46			arm etial	.3
7		Qb. by A.	4	29. 45-46 44			,,	3
8		,	4	29.77 46 43	41			3
9		,,	3-4	29.79 46-42	40	b.e.g.	cir. um.	2
10			3.4	29.8443 39		"		2
11			3-4	29.89 42 38				1
Mid.		Or. Ask.	4-5	. 29.91 40 38	1	,		3
10000								

Thirdnight to H a Mu Shight Buys from the Ownerst church and ramy Drive backed

J. Rentman 1 9 49

Drown it to 8 12 Be Stight to greate bruger from De Sta to De A De Morconst and raining

I Mentenant W 88

Done & a. See to Musich Correcart. Slight to gentle Olly Breezer Asserted above in Andrance Expartment Banked from in British A Cland & One Good marchinist at work on board Composition of magazines 18 found, 31 44

Wager Chieffy h

Dien Chind to 4 Pac Sight to quilty hery from the Sat belondy Bearing on board stored on board stored on English to gritty hery from the Sat belondy Bearing to the Same from the the halfighet at Many Sand for medical tradement of Discourse distinct of 100 at 10

Author & A

Thom it to to I me . Breaty breath briggs from the Staged engines at it so Branked free on Biller A cand attend free to die not in Butter Cand &

Auger Chrofler for

Dean 6 to 4 Pas. Buckerate begg from It by it bloody Banked free under Baker it

Amburant & Alex

From 8 (19 to agree the Bently to modulate breeze from the by A and 06 16 84 blooming anderste to stopf in aqually bloody.

A Buress

hudenand I of the

LOG of the UNITED STATES Thijs Essex Jard, Morfolk, Va.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.			Rear ths.	Bea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S
A. M.				Moored to Dock	OH . N. O.	4-6			29.93	38	36	34		b.o.g.	cir.cum	5	
2				77402200 740 430 410		4-6			29.96	36	35	-33		. 0		6	
3						4-6			29.99	36	34	32				4	
4						45			30.03	35	34	32		.,	"	4	100
5						4-6			30.12	35	33	30				7	
6						4-5			30.18	35	32	29				7	
7						2			30.21	35	32	30		b.c.		8	
8						2			30.21	132	32	29				8	
9						2.3			30.28	32	32	29		"	Cir cum	9	-
10						2:3			30.29	38	34	31				9	
11						3.4			30.34	40	37	33			-	9	-
Noon.						3-4			30.35	+1	38	35		b.m.	mone.	-95	3

Course and distant	e made good since preceding noon by ob	servations,	knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of ⊙			,	"		
	Longitude by chronometer from Foren	oon Observations of ⊙	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
			0	1	"		
Position at 8 P. M.	Longitude by		o	,	n .		
Current during the	e time, knots tenths per he	our, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head	0				
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,	"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Water expended d	uring the preceding 24 hours,		30	0	gallons.		
Water	during the preceding 24	hours,			"		
Water remaining of	on hand fit for use at Noon,		19	00	"		
Coal consumed dur	ring the preceding 24 hours,		2 tons /	20	lbs.		
Coal remaining on	hand at Noon,		153 "19	50	"		
			1				

M.								1	
1	Moored to Dock	01.991.	3	30.85 4	4 44	39	b.m.	none	10
2		Otest.	2-3	30.36 4	1 48	42	b.o.m.	cir.eum	9
3		4	4-5	30.37 48				1,	9
4			45-	30.40 4			b.m.	nune.	10
5			3-4	30.424	3 44	41			10
6			3.4	30.46 4	2 40	38			10
7			3-1	30.48 42	40	38			10
8			1	30.50 4	1 39	37			10
9 -			0-1	30.54 38	37	35			10
10		balm	0	30.55 38	36	34	-	"	10
11			0	30.56 36	35	34	,		10
id.			0	30.56 36	35	34			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a. m. Overdevate been from Oh. NO. blowing stiff to feel in aqualle. Clear and cold. Banked free under Birler A.

Herell Sientenant W.F. W.

From 4 to 8 a.M.

Throderate to light breen from Ob. N. W. blowing stiff to fresh in aqualle friel part blear and cold. Banked fries under Biler & Bushed to braid for use of cum Department Pupplier and accounte, 30 lb. fresh buf, 30 lb. fresh mystable and art lb. fresh bread.

Henrell Sentenant W. S. R.

From 8 a. m. to Merid.

Bavoneter rising Ever and cold. Eight to freel brees from 94 N. O. with light equals.
Bavoneter rising Ever engaged strong way brad gear And clearing up decree. Waster preparative for historia in stram lawled. Two fact workness on brad during this watch in Dieft Stram Engineering. By order of the Bawaw of Pangatini the actuing appointment of 16. 16. Waldin as Distinguisher of 16. 16. Waldin as Distinguisher of Now had been worked and he is described to Jeanson from this date. Backed frie in Birles A Timpurature of magazini 31° formers, 36° eff.

71. I Continued

M. J. Coleman Ensign W. S. W.

Firm Merid to 4 P.m.

bleau, cool and pleasant. Devile to stiff Vestely buyer. Baroneter rising.

3 your new at work in Engineer Dept. and 2 in October Bept. Revelop stone in Equipment Oduane and Engineering Dept. Biritial steam launch. Banked fine in Briter A. By Me of Emmanding Office & Mark (B. N. 1. 2) and reduced to it the class conduct for orietaying leave 51 hours.

Roses Cheller h

Roger Cheller, In. From 4 to 6 9.90

Clear and cool. Moderate to light breeze from Obest. Transferred H. B. Walden (Lea) to the D. J. R. J. Franklin Banked free will Bolor of. N. P. Coleman.

From 6 to 8 P.M.

Clear and pleasant Gentle to moderate breyer from Week. Bavoneter rising Banked fire in Boler A.

Roger Welle, Jr. Ensign & S. Dr.

From 8 P. On. to Mid.

Clear and pleasant Sight Westerly air and calms . Barometer rising . Banked five in Bother 4.

Roger Chelles In Ensign W. J. W.

Examined and found to be correct.

Beitenant V. F. Dr.

LOG of the UNITED STATES Thip Essex Phird Rate, Morred to Dock, Chany Yard, Phorfolk, Va.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			Hear the.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
A. M.				Moored to Dock	Chaire -	10'			30.55	- 3 5-	34	33		b.	mone	10	
2				THUTTHAN NO SUULIV	"	0			30.56					"	"	10	
3					,	10			30.57					4	"	10	
4					. "	0	-		30.57	53	32	31		4	"	10	
5					"	100			30.5-6	32	31	31				10	
6					"	0	-		30.58					b.c.	cum.	7	
7					9.98	1			30.59	32	32	30		.,	am etial	4	
8						2			30.60	33	32	31				6	
9					9. by 8.	2			30.65	37	35	33		4.	-	4	
10						2			30.66	42	38	36			eiv.	3	
11						2-3			30.65	46	43	39			cir state	1 3	
Noon.						2-3		100	30.65	+ 48	46	42				2	

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.	
	Latitude by D. R.	0 /	" .	
	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ①	0 ,	"	
,	Longitude by chronometer from Forenoon Observations of	0 0 ,	"	
	(Latitude by	0 /	"	
Position at 8 A. M.	Longitude by	0 /	"	
	(Latitude by	0 /	"	
Position at 8 P. M.	Longitude by	0 /	"	
Current during th	e time, knots tenths per hour, setting to the			
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	. 0 ,	variation used, o	
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /	"	
Deviation of the (Compass by Azimuth ⊙ observed at , ship's head		variation used, o	
Water expended d	uring the preceding 24 hours,	300	gallons.	
Water	during the preceding 24 hours,			
Water remaining	on hand fit for use at Noon,	1600	, "	
Coal consumed du	ring the preceding 24 hours,	/ tons /06	o lbs.	
Coal remaining on	hand at Noon,	152 " 890	, "	

P. M.									
1	Moored to Decic	Porth	2-3	30.61 52	49.	42	b.c.	cir cum	.5
2		f. 9. by 9.	2-3	30.60 56	53	47	1 .		6
3			2-3	30.56 58	- 54	48	,		8
4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		2-3	30.52 55	54	49			9
5		Faith	2-3	30.50 55	54	49	b.c.m.	-	9
6		f. 96.	2-3	30.50 54	54	49	"	4.	9
7			1-2	30. 48 54	49	47	"		6
8			1-2	30.47 50	49	47	"		3
9			1.2	30.44 50	49	46	- "		3
10		,	1-2	30.43 50	49	46	"		3
11			1-2	30.42 50					2
Mid.			2-3	30.41 50	48	46	"		2

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a m. Clear and pleasant balm. Barmeter rising Branked free

Roger Weller fr. Enrige W. S.W.

Furn 4 to 8 a. m.

Clondy and cool. Calme and light airs and buyer from I & Barmeter rising. Received 23 lbs. brad, 30 lbs. baf, and 30 lbs. orgitables, which passed impection. Backed free in Brites 4.

Roger Weller J., Ensign W. J. R.

From 8 a. m. to Merid.

Sight to gentle been from I by E. Cloudy and cook. Engaged in bunding cails. One have yard workness at work in Engages Department. Received cloud in Equipment Department. Received on brand from the Franklin John Princh (Franklin) in the Franklin John Princh (Franklin) about thickness land in Birles A. I Stord (B. S. I class) about without lean Demograture of magazine 34° forward 36° eft.

J. B. Meillen Lieutewant W. J. R.

From Merid to 4 9 m.

Generally clear and pleasant. Eight to gettle been from First to I'll by I. Bavoneter falling. Principed knowing for and aft early set for topsail and forwail; cheeted home main topsail, then took in and fueld wail and equience yade. Two workmen on board from Yard in Equipment Tipl. and I in Steam Engineering. Due backed in Boster A.

N. A Coleman Eusign W. F. M.

From 4 to 6 P.M. Sight to gentle bruy from South Char and cool Sint likety party ashon. Frie banked in Bother A

J. B. Meller J. S. Dr.

Firm 6 to 8 PM. Cludy and mild Fight to quitle beeze from I. 4 E. Barmeter falling. Banked frie in Boler A.

n. I Coleman Ensign W. S.M.

From 8 P. M. to Phil.

Slowly and pleasant. Moralight at time. Light aire to gentle been from
S. S.E. Banked frie in Boler 4.

Examined and found to be co

Eusign W. S. Dr.

J. B. Mo'elton Navigator. Seitenant Ok. J. M.

LOG of the UNITED STATES Thip Essex Phuid Rate, Movred to Dock, Ravy Yard, Norfolk, Va.

			Reading		WIND.				BAROMI	ETER.	TEM	PERA?	TURE.		Forms of	Clear oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			(Morred to Dodo	9. h. E	2.3			30.35	-55	53	51		b.o.m.	civ. cum	. 2	
2					1	3			30.32					.,		2	
3						3-4			30.27							2	
4						3-4			30.25							1	
5						3.6			30.25					0.0.9.0.	arm suind	10	
6						3-6			30.24	59	57	55		",		0	-
7					Tinth	3-4			30.20	-28	56	55			"	0	-
8						3			30.25	-57	55	-65		0.e.m.n.	"	0	
9					9.9.91.	2.3			36.25	-56	56	55		0.0.0.		0	
10					I by W.	2-3			30.24	157	57	56		0.0.	nimb	0	100
11						2-3			30.23	5.8	2.8	57				0	
Noon.					John by J.	2.3			30.21	59	59	58			cum nin	1.0	

Course and distant	ce made good since preceding noon by	bservations,	knots.		tenths.			
	Latitude by D. R.		•	,	"			
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of O		0	,	"			
	Longitude by chronometer from Fore	enoon Observations of ©	0	,	"			
	(Latitude by		. 0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
Position at 8 P. M.	(Latitude by		0	,	"			
Position at 8 P. M.	Longitude by		0	,	"			
Current during the	e time, knots tenths per	hour, setting to the						
Error of the Comp	ass by Azimuth O observed at	, ship's head	0					
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	,	
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	,	"			
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	,	variation used,	0		
Water expended d	uring the preceding 24 hours,		30	0	gallons.			
Water	during the preceding 2.	4 hours,						
Water remaining of	on hand fit for use at Noon,		130	0	"			
Coal consumed dur	ring the preceding 24 hours,		tons 16	000	lbs.			
Coal remaining on	hand at Noon,		151 " 15	30	"			

. M.							1			
1	Moored to Dock	Pal. by 8.	2.3	30.19	59	58	57	0.0.	cur unil	. 0
2		0	2-3	30.18	59	28	57			0
3		04. gov.	2-3	30.17				b.c.	our. cum	. 2
4			2-3	30.16				4	,	2
5			1.1	30.16	62	63	59			2
6			1	30.17	62	66	58	4		2
7			1	30.19				"	cum.	8
8			1	30.19	60	57	56	u		9
9 .		First	1	30.20					"	1
10		S. by M.	0-1	30.21	57	56	55	u	cir cum	7
11		Ser.	0-1	30.21				,		4
fid.			1	30.21	55-	54	53	-		5-

under the command of

Commander F. M. Dickins Funday February 18

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

Chudy and pleasant Light to gentle breeze with light aqualle from I by E. Banked free in Birler A.

7. North

n. J. Colsman Ensign U. S. O.

Dem 4 to 8 a. M. Oncast and mild. Raining during last two hours of watch. Guthe breeze with frequent appalle from I by 6 to South! Banked free in Baler 4.

R. S. Sofsman Eurige W. S.W.

From 8 a 9n to Mild.

Light to gentle brey from I by 4. to I the by S. Overcast and cloudy Pain frict love. Banked fries under Birles A. S. Orord (B. M. I class) about without leav. Temperature of magazine II: formed, 39° aft.

From Merid. to 4 P. M. Sight to gentle bury from GO. by S. and ON SON. Cloudy and peleasant. Sine banked in Birler a.

J. B. Meilline Lieutuaut W. S. M.

Drow 4 to 6 P. M. Sight airs and bruy from 94 994 Cloudy Banked free under Boiler A.

Linterent U.S.W.

Dura 6 to 8 P.M. Light air from Ct & D. Blear and pleasant Dire banked in Birle A.

J. 13. Moiller Dison. Sientenant W. S.M.

Down & F. M. to Mid. Dight air from South to S. Frain and pleasant. Derive banked in Borler A.

J. B. Me illen Jas Luitnant M. JON.

Examined and found to be correct.

Freitenant & A.M.

LOG of the UNITED STATES Thip Essex Moored to Dock, Navy Yard, Morfolk, Va.

						1	1			U		_				1000	-
			Reading		WIND.				BAROMI	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear Hbs.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10tbs.	State of the Se
A. M.				Moored to Dock	lalm	0			30.18	.C.	- 51	53		b.c.f.	cir.eum.	4	
2				Travelle As 2000	"	0			30.18						h	7	
3						0			30.18							2	
4						0			30.18	54	53	53				2	
5					9.901.	1			30.19					bagof.	Cum mil	1.1	
6						1.			30.19	53	2.3	53		0.0.	-	0	
7					Oh by 8.	1			30.19	54	53	23		b.o.f.	cum	1	
8				407	.,	1			30.21	54	54	54		0.7.	-	0	
9						1			30.19	2.2	-22	2.2		0.c.m.	nimb.	0	
10						1			30.19	57	56	22				0	
11						1			30.19	28	56	56				0	
Noon.						1			30.19	59	5.7	57				0	
				,			-		-	-	-	-	Service .		1	-	-

e made good since preceding noon by observations,	knots.		tenths.
Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Latitude by observations of ①		,	"
Longitude by chronometer from Forenoon Observations of ②	0	,	"
(Latitude by	•	,	"
Longitude by	0	,	"
(Latitude by	0	,	"
	0	,	"
	0	,	
	0	,	variation used, o
	0	,	"
	0	,	variation used, o
	,30	0 0	gallons.
	10	00	"
			lbs.
	50 " 1	a'Y A	
	Latitude by D. R. Latitude by observations of Longitude by chronometer from Forenoon Observations of Latitude by Longitude	Latitude by D. R. Latitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Latitude by Longitude by L	Latitude by D. R.

. M.									
1	moored to Dock	S. 904.	1	30.15 64	60	59	b.c.	cir um	7
2		for by f.	1	30.13 67	61	60			5
3		South	1-2	30.10 68	64	61			6
4		9.9 W.	2-3	30.08 68					9
5			2-3	30.07 67	66	61	"		9
6			2-3	30.07 66				cir strat.	9
7			2	30.06 63	62	58		Cin. cum	
8			2	30.05-63	60	57	4		6
9			2-3	30.05-61	59	55		cir.	5
10			2-3	30.01 59	59	56			6
11		,,	2.3	30.00 59	59	57		cir cum	8
Mid.			2-3	30.03 59					8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. ... Calm cloudy and foggy. Fires banked in Bales A.

J. B. Maltin. S. D.

Drow 4 to 8 a. M. ... Calm and light airs from P. F. W. by F. Cloudy and foggy Duri banked in Birlew A. Received in Dept. Tupphin and accounts, 74 the first briefly, 30 lbs. first briefly programmes from the first briefly.

J. B. Mollin Lieutewant W. J. N.

From 8 a. On to Merid.

Overcast and mixty. Fight airs from I'M Barometer steady. Even engaged in excurring boats etc for sea. But marriall, at 11:00 & Avord (B. M. 12) returned 51 hours overtime. Branked frie in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37.

From Merid. to 49 M. Light air to gentle breeze from Forth to 40. by S. Clear. Engaged in making preparation for sea. Banked fire under Birlev 4. The Commanding Office glaid an official winds on the Commanding Office of the Micatomorph.

Description U.S. **

Leitenant V.S. **

Leitenant V.S. **

Lieitenant V. S. N.

Deam 4 to 6 P.M. Generally clear and pleasant. Light to gentle been from F. S. W. Banometer steady.

Banked free in Briter A.

Roger Welles Je

Roger Welles Ja Ensign W. S. R.

Dem 6 to 8 P. M. Sight breey from F. F. M. Clear. Banked fries under Baler A.

Henrell Leitenaut U. F. M.

Drom 8 P. M. to Mid. Sight to gentle been from F. J. Dr. Clear Branked frie under Boiler A.

Harrell Lintenant W. F. Dr.

Examined and found to be correct

B. Me illow, Navigator, Lieutenant W. S. M.

					V	U			U								-
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moved to Dock	01.1.91	1-3			20.00	~				1	cir cum	4	
1				Morud to Dock	CN.JUST.	1-2			30.08					b.o.p.	munico.	7	
2					N. Or. by A.	2-3								4.0.	4	6	
3					Si &	3-4			30.10					fr.	more.		
5					006.	3-4			30.18					f.e	cir um.		
6					NE. by 6.	3			30.19	1	- 1				,	8	
7					NE.	3			30.24					,	oum steak	1	
8						3			30.26							16	
9						3.4			30.28							6	
10						3-4			30.30					"		6	
11						3.4			30.31	52	50	46				4	
Noon.						3			30.31	53	51	49				4	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ⊙	0	,	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	1.	"		
Position at 8 P. M.	Longitude by	o	1	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0		variation used,	0	-
Error of the Comp	ass by Azimuth © observed at , ship's head	0	,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended d	uring the preceding 24 hours,	30	0	gallons.		
Water Leceus	during the preceding 24 hours,	200	0	"		
Water remaining of	on hand fit for use at Noon,	270	0	"		
Coal consumed du	ring the preceding 24 hours,	tons /	400	lbs.		
Coal remaining on	hand at Noon,	149 " 2:	210	4		

. м.	Pr + 6x . 4	1,505	1,	30 20 5		50	6.	cir. etial	
1	Proved to Dock	016. by 6.	3	30.30 50			10.0.	cir. clias	7
2			3	30.29 54	4 83	48			7
3		E. by N.	3	30.28 5	4 55	48			5
4		,	3	30.27 5	2 52	46			5
5		East	3	30.2y S				cir.cum	. 4
6			2	30.27 50				"	4
7		6.96	2	30.26 5					4
8		6.16.	1-2	30.25-4			4	cum.	2
9			1-2	30.22 4	1 1			cum.	2
10		9.6. by 6.	1-2	30.19 4			"		3
11			1	30.16 4					4
fid.		96.	1	30.13 40			6.		4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Sight airs to moderate brey from Or N & to NE. Passing shows fish how. Dair to clear. Banked free under Briles A.

Herall Lieutenant W. S. Dr.

From 4 to 8 a. Pm. South to moderate begy from NE. and NE by E. Clear. Banked free under Birles A. at y o'clock loved earl.

Leutewart W. S.M.

Cloudy and one. South to moderate breeze from NE. At 10 o'clock fuled sail and squared yards. Fletch life hings and found them in unoking order. Fleccied boats for sea. Peccions on board in Equipment Dept. 2000 gallow fresh water. Backed free in Boller A. Pemperatur of magazine 35 found, 36 eff. Orom 8 a. m. to Merid.

n. P. Coleman

Slondy, but pleasant. Gently brew from N.E. to E. by N. Baroneter falling.

The Commanding Officer of the U. F. I. Miantonomal paid an official ball to the Commanding Officer of this Johy. Com engaged in securing ship for sea. Received in Equipment Dept. I benele of illuminating one. Banked five in Boler 4.

Roger Civelles Jr. Eusign W. J. N.

Dum H to 6 G. m. Cloudy and cool. Gentle been from East to E. by N. Banked frie in Birle A.

M. A leofeman Wide Eusegn M. J. W.

Dun 6 to 8 4.9%. bludy and cook. Light bruse from East to E. No. Received on braid from M. A. C. F. Dranklin, E. Brandt (Fil. Mr.) and Lee F. Dr. Andle (Fil. Mr.) with bage and hammocker for passage to Newport P. J. Banked frie in Briter A. Roger Welles J. Ensign W. S. M.

Cloudy but pleasant Light air and buyer from E. N.E. to S.E. Barometer falling Banked five in Boles t.

Roser Alelles J. Ensign W.S.N.

Examined and found to be correct.

Lecuteuant Ok S. W. Navigator.

LOG of the UNITED STATES Thip Essel . Third Rate, Morned to Dock, Say youd, Norfolk, In, and Making passage to Presizent, R.J.

				00,0				0	0				0			16 79 1/1	
			Reading		WIND.				BAROME					State of	Forms of	Clear oths.	oe Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Morred to Dock	6.UE.	,			30.12	48	47	46		b.c.	cir cum	3	
2						1			30.11					0.0.	mint.	0	
3					G. 89U.	1		200	30.10					"	"	0	
4						1			30.08	48	48	44		.,	"	0	
5					Porth	1			30.10					"	"	0	
6					8.894.	1			30.09	49	48	47				0	
7					89.	1			30.10	50	49	48			-	0	
8					Ally OV.	2			30.10	51	50	49				0	
9					Ox. 9 8.	1.2			30.12	54	52	51		0.c.m.		0	
10					" 1	1			30.15	56	54	53				0	
11					Q1. J. Of.	1-2			30.15	67	56	55				0	
Noon.				Underway		1			30.15							0	
				0								-				1	

Course and distance made good since preceding noon by observations,	knots. tenths	
(Latitude by D. R.	0 / //	
Longitude by D. R.	0 / 1/	
Position at Noon: Latitude by observations of O	0 / "	
Longitude by chronometer from Forenoon Observations of O	0 1 11	
(Latitude by	0 / 1/	
Position at 8 A. M. Longitude by	0 / "	
	0 / "	
Position at 8 P. M. Longitude by Longitude by	0 / "	
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o , A	ariation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 ' v	ariation used, o
Water expended during the preceding 24 hours,	300 gallons.	
Water during the preceding 24 hours,		
Water remaining on hand fit for use at Noon,	2400 "	
Coal consumed during the preceding 24 hours,	4 tons 46 lbs.	
Coal remaining on hand at Noon,	145 - 2170 -	
to an interest of the second		

M. Standing out	Varino courses Suriging Skip	Jr6.	3-4	30.10 49	46	46	b.c.m.	aum. minib	. 2
2	Guriging Thip		3	30.10 48					
3	000		3	30.10 4					
4			3	30.10 4					
5.15 at auchor	North	6.16.	3	30.10 48				atral	2
6		& . by N.	3	30.16 4			0. C. m.N.	nint.	0
7			3	30.13 48					
8	"		3	30.19 48			0.0.		
9	6. by N.		3-4	30.14 46			0.C.N.		0
10	East		3-4	30.13 4			0.0.		0
11	6. by 1.		3-4	30.14 46					0
did.	NEly 6.	16.	4-5	30.14 14			0.0.91.2.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Phidright to 4 a. M. Coloudy to orreact. Light airs from E. N.E. to S. & A. Barometer falling Banked

Rogellielles Ja

From 4 to 8 a.m.

Ourcast Light variable aciv. Baroneter steady. Oct 400 started frie in Bilen C and D. Banked free in Buter A.

Sum 8 a. m. to Merid.

Roger Cielle Ja

Light breeze from N. F. O. to O. N. W. Orreast cloudy and threatening. At 10.50 tuned over the engues at 10.55 called all brands number akip. At 11.00 cast off from what and accided by try from the Ray Gard, threed down stream and atroid out of the harbor, Commending Officer cruning ahip. At 12 metrics of Buch Bluft tight thing, in the disologid channel. Designature of magazini 36° franco, 38° aft. Draft of ahip 14 fat, where forward, 16 feet bly water aft.

From Merid to 4 J. M

. B. Mollin, Lieutenant U. J. W.

From Merid to H VM.

6 Heady and mixty. Senth brey from N.E. Friet tur home standing onl with Nangator at come.

ON 12.50 passed Old Point. A. 2.5 aloned draw and began sunging ship for compass convition. At s is exchanged acquale with Cape Remy station, making H.D. S. S. J. W. N. D. J. S. to which they answeed F. B. E. W.

N. B. _ and H. R. E.; we assured J. D. W. and R. F. J. Making 48 turner, speed was 7.4 knote Under Steam alme, using Birlew A. C. and D.

Furm 4 to 6 P. M

Leutenant V. J. W.

Chondy to vaccast and raining. Sentle breeze from NE to E. by N. Bavantu steady. Firinging ahijo until 430, then stood in to Eyna Bave abost came to anchor in 694 fathous water, hard bottom vacing to 45 fathous at litte on stadourd chain. Banked free. Bearings of anchorage: Cape Henry Highthous \$6. by 6. 46 6 (p.c.), Lape Challe NE. 166 (p.c.), Phint's Light N. H. by M. 12 W. (p.c.) Thep head 6. 18 N. Sanuel Obord Chaman rated to Bratevanie Short (Pelaw from Sel. 2. Stooted to dittill. Duled head saile and Apauler.

From 6 to 8 P.m.

Koger Chellas In Ensign M. S. R.

Orneast druggling vain at times I south breys from 6 by N. Barvoute resing. Backed free in Birlers A. C. and D. Distilling.

Jum 8 P. M. to Mid.

n. P. Coleman & S.W.

Orecast and cloudy with vain at sitewals during first and last hours. I will to moderate breeze from 6 by to and No blanning stiff in squaller last bone. Banked fries under Baker 4. b. and & Divilling.

Examined and found to be correct.

Herrcell Lentenant V. I. S. V.

Lieutenant U. F. Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. ... Calm cloudy and foggy. Fires banked in Bales A.

J. B. Maltin. S. D.

Drow 4 to 8 a. M. ... Calm and light airs from P. F. W. by F. Cloudy and foggy Duri banked in Birlew A. Received in Dept. Tupphin and accounts, 74 the first briefly, 30 lbs. first briefly programmes from the first briefly.

J. B. Mollin Lieutewant W. J. N.

From 8 a. On to Merid.

Overcast and mixty. Fight airs from I'M Barometer steady. Even engaged in excurring boats etc for sea. But marriall, at 11:00 & Avord (B. M. 12) returned 51 hours overtime. Branked frie in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37 formed, 39 eff oger Welles hours in Boler A. Computative of magazine 37.

From Merid. to 49 M. Light air to gentle breeze from Forth to 40. by S. Clear. Engaged in making preparation for sea. Banked fire under Birlev 4. The Commanding Office glaid an official winds on the Commanding Office of the Micatomorph.

Description U.S. **

Leitenant V.S. **

Leitenant V.S. **

Lieitenant V. S. N.

Deam 4 to 6 P.M. Generally clear and pleasant. Light to gentle been from F. S. W. Banometer steady.

Banked free in Briter A.

Roger Welles Je

Roger Welles Ja Ensign W. S. R.

Dem 6 to 8 P. M. Sight breey from F. F. M. Clear. Banked fries under Baler A.

Henrell Leitenaut U. F. M.

Drom 8 P. M. to Mid. Sight to gentle been from F. J. Dr. Clear Branked frie under Boiler A.

Harrell Lintenant W. F. Dr.

Examined and found to be correct

B. Me illow, Navigator, Lieutenant W. S. M.

					V	U			U								_
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
А. М.					Ø									,	cir. cum		
1				Moved to Dock	Q1.1.91.	1-3			30.08	59	59	28		b.o.go.	nine.	4	
2						1-2			30.08	58	28	57		b.c.	"	7	
3					N.Ok. by St.	2-3			30.10	57	57	56			4 ,,	6	100
4					NE.	3-4			30.11					b.	more.	10	
5						3-4			30.18	49	49	47		b.e.	cir um.	8	
6					NE. by 6.	3			30.19	49	48	46				8	
7					NE.	3			30.24					"	oum stisk		
8						3			30.26	48	46	44				16	
9						3.4			30.28	57	47	44				6	
10						3-4			30.30	52	48	45				6	
11						3.4			30.31	52	50	46			4	4	
Noon.						3			30.31	53	51	49				4	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ①	0	,	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	1.	"		
Position at 8 P. M.	Longitude by	o	1	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0		variation used,	0	-
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended d	uring the preceding 24 hours,	30	0	gallons.		
Water Leceus	during the preceding 24 hours,	200	0	"		
Water remaining of	on hand fit for use at Noon,	270	0	"		
Coal consumed du	ring the preceding 24 hours,	tons /	400	lbs.		
Coal remaining on	hand at Noon,	149 " 2:	210	4		

P. M.							0		
1	Proved to Dock	NE. by 6.	3	30.30 5	5- 55	50	b.c.	cir. etial	7
2		. 0	3	30.29 54	4 53	48			7
3		6. by N.	3	30.28 5			-		5
4		,	3	30.27 5	2 52	46			5
5		East	3	30.2y S	1 50	46		cir.cum	. 4
6			2	30.27 50				"	4
7		6.96	2	30.26 5					4
8		6.16.	1-2	30.25-4			4	cum.	2
9			1-2	30.22 4				cum.	2
10		9. 6. by 6.	1.2	30.19 4			"		3
11			1	30.16 4					4
Mid.		96.	1	30.13 40			6.		4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Sight airs to moderate brey from Or N & to NE. Passing shows fish how. Dair to clear. Banked free under Briles A.

Herall Lieutenant W. S. Dr.

From 4 to 8 a. Pm. South to moderate begy from NE. and NE by E. Clear. Banked free under Birles A. at y o'clock loved earl.

Leutewart W. S.M.

Cloudy and one. South to moderate breeze from NE. At 10 o'clock fuled sail and squared yards. Fletch life hings and found them in unoking order. Fleccied boats for sea. Peccions on board in Equipment Dept. 2000 gallow fresh water. Backed free in Boller A. Pemperatur of magazine 35 found, 36 eff. Orom 8 a. m. to Merid.

n. P. Coleman

Slondy, but pleasant. Gently brew from N.E. to E. by N. Baroneter falling.

The Commanding Officer of the U. F. I. Miantonomal paid an official ball to the Commanding Officer of this Johy. Com engaged in securing ship for sea. Received in Equipment Dept. I benele of illuminating one. Banked five in Boler 4.

Roger Civelles Jr. Eusign W. J. N.

Dum H to 6 G. m. Cloudy and cool. Gentle been from East to E. by N. Banked frie in Birle A.

M. A leofeman Wide Euseign M. J. W.

Dun 6 to 8 4.9%. bludy and cook. Light bruse from East to E. No. Received on braid from M. A. C. F. Dranklin, E. Brandt (Fil. Mr.) and Lee F. Dr. Andle (Fil. Mr.) with bage and hammocker for passage to Newport P. S. Banked frie in Briter A. Roger Welles J. Ensign W. S. M.

Cloudy but pleasant Light air and buyer from E. N.E. to S.E. Barometer falling Banked five in Boles t.

Roser Alelles J. Ensign W.S.N.

Examined and found to be correct.

Lecuteuant Ok S. W. Navigator.

LOG of the UNITED STATES Thip Essex Description Phild Rate, Morney to Dock, Sany youd, Norfolk, In. and Making passage to Previport, R.J.

				10,0				1	0				0			16-10	
			Reading		WIND.				BAROMETER.		TEMPERATURE.			State of	Parme of	Clear Oths.	oe Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				morud to Dock	હે. પ્ર હ	,			30.12	48	47	46		b.c.	cir.cum	3	
2						1			30.11					0.0.	mint.	0	
3					G. J. W.	1			30.10					"	"	0	
4						1			30.08	48	48	44		.,	"	0	
5					Porth	1			30.10					"	"	0	
6					8.894.	1			30.09							0	
7					89.	1			30.10	50	49	48		"	n	0	
8					follow.	2			30.10	51	50	49				0	
9					Ox. 9 8.	1.2			30.12					0.c.m.		0	
10					. ,	1			30.15	56	54	53				0	
11					O4. J. O4.	1-2			30.15	67	56	55				0	
Noon.				Underway		1			30.15							0	
Noon.				Underway		1			30.15	57	56	22-				0	

C	-dd since exceeding noon by	observations	knots.		tenths.		
	nade good since preceding noon by	0	,	"			
	atitude by D. R.		0	,	"		
Position at Noon: {	ongitude by D. R.			,	"		
L	atitude by observations of O		0				
(L	ongitude by chronometer from For	renoon Observations of O	0	,	"		
Position at 8 A. M.	atitude by ongitude by		0	,	"		
Position at 8 A. M.	ongitude by		0	1	"		
(L	atitude by ongitude by		0	,	" .		
Position at 8 P. M.		0	1	"			
Current during the tin		hour, setting to the					
Error of the Compass	by Azimuth ⊙ observed at	, ship's head	0	,			
Deviation of the Comp	pass by Azimuth O observed at	, ship's head	0	,	variation used,	0	,
Error of the Compass	by Azimuth ⊙ observed at	, ship's head	0	,	"		
Deviation of the Comp	pass by Azimuth O observed at	, ship's head	0		variation used,	0	
Water expended durin	g the preceding 24 hours,		30	0	gallons.		
Water	during the preceding	24 hours,			"		
Water remaining on h	and fit for use at Noon,		24	00	"		
Coal consumed during	the preceding 24 hours,		4 tons	40	lbs.		
Coal remaining on han	nd at Noon,		145 - 21	70	"		

1 Standing out	Garines courses Surviging Fhip	J6.	3-4	30.10 4	49	46	46	b.c.m.	aum. minh	. 2
2	Surriging Ship		3	30.10 4	48	46	46			2
3	0 0		3	30.10	48	47	46		"	2
1,00			3	30.10		,				
5.15 at auchor	North	€.4€.	3	30.10 4					atrat.	2
6		6. by N.	3	30.16	48	47	46	0. C. m.N.		
7			3	30.13 4						
,	"		3	30.19 4				0.0.		0
9	6. by N.		3-4	30.14 4				0.c.n.		0
10	East	*	3-4	30.13 4				0.0.		0
1	6. by 1.		3-4	30.14					v	0
id.	NEly 6.	16.	4.5	30.14 4				0.0.9.2.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Phidright to 4 a. M. Coloudy to orreact. Light airs from E. N.E. to S. & A. Barometer falling Banked

Rogellielles Ja

From 4 to 8 a.m.

Ourcast Light variable aciv. Baroneter steady. Oct 400 started frie in Bilen C and D. Banked free in Buter A.

Sum 8 a. m. to Merid.

Roger Cielle Ja Light breeze from Oh. F. Oh to Oh. N. Orreact, cloudy and theatening. At 10.50 tuned over the engine at 10.55 called all hands rummor ship. At 11.00 cast off from what and assisted by ting from the Ray Yard, tuned down street and stock out of the Rasby, Commanding Officer coming chip. At 12 metrics of Buch Bluft thip, in the dudged channel. Designature of magazine 36° from the dudged channel. Designature of magazine 36° from the Draft of adip 14 fat, 2 metric forward, 16 feet 6/2 metric aft.

. B. Mollin, Lieutenant U. J. W. From Merid to 4 J. M From Merid to H VM.

6 Heady and mixty. Senth brey from N.E. Friet tur home standing onl with Nangator at come.

ON 12.50 passed Old Point. A. 2.5 aloned draw and began sunging ship for compass convition. At s is exchanged acquale with Cape Remy station, making H.D. S. S. J. W. N. D. J. S. to which they answeed F. B. E. W.

N. B. _ and H. R. E.; we assured J. D. W. and R. F. J. Making 48 turner, speed was 7.4 knote Under Steam alme, using Birlew A. C. and D.

Leutenant V. J. W. Furm 4 to 6 P. M Chondy to vaccast and raining. Sentle breeze from NE to E. by N. Bavantu steady. Firinging ahijo until 430, then stood in to Eyna Bave abost came to anchor in 694 fathous water, hard bottom vacing to 45 fathous at litte on stadourd chain. Banked free. Bearings of anchorage: Cape Henry Highthous \$6. by 6. 46 6 (p.c.), Lape Challe NE. 166 (p.c.), Phint's Light N. H. by M. 12 W. (p.c.) Thep head 6. 18 N. Sanuel Obord Chaman rated to Bratevanie Short (Pelaw from Sel. 2. Stooted to dittill. Duled head saile and Apauler.

Koger Chellas In Ensign M. S. R. From 6 to 8 P.m.

Orneast druggling vain at times I south breys from 6 by N. Barvoute resing. Backed free in Biles A. C. and D. Distilling.

n. P. Coleman & S.W. Jum 8 P. M. to Mid.

Orecast and cloudy with vain at sitewals during first and last hours. I will to moderate breeze from 6 by to and No blanning stiff in squaller last bone. Banked fries under Baker 4. b. and & Divilling. Herrcell Lentenant V. I. S. V.

Lieutenant U. F. Navigator.

Examined and found to be correct.

LOG of the UNITED STATES This Essex Bay, Va.

		1 0			WIND.				BAROMI	TER.	TEM	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M				NE.	J/6.	45			30.14	44	43	43		o.o.g.md	numb	0	
2	Pu	rugi	ig to all	North		4-6			30.12	43	43	42				0	
3		0	1	494.		5.7			30.09	41	42	42		"	6	0	
4						5.7			30.08	40	41	41				0	
5				A Oh. h. N.		5-6			30.10	41	41	41				0	
6				Sorth	1. ly 6.	5.7			30.10	41	40	40		0.0.9.2.	"	0	
7				1.16.	, (4-5-			30.14	41	40	40		0.c.f.	"	0	
8	0	lord	,	NE. by E.	"	3			30.18	40	39	39		.O.c.m.		0	
9				Ely. N.	NE.	3-4			30.25	40	39	39			mint stra	1.0	
10						3			30.24	41	39	39				0	
11						3			30.25	41	40	40				0	
Noon.						3			30.27	41	40	40		••		0	

Course and distance	re made good since preceding noon by observations,	knots.	tenths.		
	Latitude by D. R.	0 /	"		
	Longitude by D. R.	0 1	"		
Position at Noon:	Latitude by observations of ⊙	0 1	"		
	Longitude by chronometer from Forenoon Observations of O	0 /	"		
	(Latitude by	0 /	"		
Position at 8 A. M.	Longitude by	0 1	"		
	(Latitude by	0 /	"		
Position at 8 P. M.	Longitude by	0 /	u		
Current during the					
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1			
	ompass by Azimuth © observed at , ship's head	0 /	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	"		
	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	
Water expended du	aring the preceding 24 hours,	300	gallons.		
Water distil	lad during the preceding 24 hours,	400			
Water remaining o	n hand fit for use at Noon,	2500			
	ing the preceding 24 hours,	2 tons 1820	lbs.		
Coal remaining on		143 " 350			

P. M.	Jide	l cu	rent										
1				E. 48.	A. by &.	2	30.26	12 4	41 4	46	0.c.m.	nink	0
. 2	6	bt	ide	No. 94. by 94.	0		30.244						
3				CH. N. CH.		3	30.244						0
	1					3	30.24 4					arm. nimb	
	1			A QL by QL.	Aly 6. t. 46.	2.3	30.22 4				0.m.		0
	1			. 0		1	30.20 4					4	
7	1	1		Net by N.		1	30.23 4					1	
8	0	2	Flord.	B. N. B	J. 19.	1.2	30.23 4						
9	0	6		E. by 8.	NOV.	1-2	30.24 A					mint.	
	0			East.		2	30.25 4					4	
	1				Ox. by 8.	3	30.25-4						
Mid.					04. 9.04.	3	30.25 4						0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Roger Welles Jr.

Courant and misty, with desigling rains, fresh to gettle breeze, decurring to the from NE to I by E. Baroniter being. Dook having of bajor Henry Light of 8 1/4 6 (pc), and sounding of fathous bajor bealer Light observed by miss. Dem brighing to 6 30, chip away to world and ell tide and after the to the to would and black death atter at about 6 30. At 8 o'clock decend ship with flag at each meet head. Dietelling

n. J. boliman Ousign U. J. M.

From 8 a. On. to merid.

Ourcast and mixty; getting thicker to Abd. towards sloved of watch Gentle to moderate breeze from N. E. This riding to flood tide at 10.15 made eignal D. J. to Tignal Station was not accounted at close of watch. At now a National salute was find at Fortier Romon. Banked frie wider Birlew A. E. and S. Distilling Sunguetur of magazine 35° freed 36° aft.

Theirtenant U. J. R.

Ornach and miety. Light to quite beeze from N. by E. Barometer steady. Received no righty from Gignal Station to signal O.J. Furring to ell tide about 2.15. Banked free in Birlew A. L. and D. Dictilling.

Roger Welles In. Eusign W. F. W.

From 4 to 60.9m.

Overcash and miety. Gentle beery to light airs from N by E. to NE. Barometer falling. At 5.50 hauled down International Riginal having received no repety from the Tignal Itation at Cajoe Brevy. Banked free in Bilew A. E. and D. Dietilling.

n. J. Colsman Energy W. J. W.

Gum 6 to 8 P.m.

Ourcast cloudy and mity. Light aire and breeze from A NE Commenced arriging to flow tide at 7.45 and T. Dietelling.

Lecitewant N. In.

From 8 P. M. to Prid.
Cloudy and driggling rain first part Elight breef from N. N. N. hauling by West to W. I. V.

Examined and found to be correct Barrenta strandy. Ridwig to flood tide Branked frie in Boles A. C. and D. Fteppel

Roger Weller J.

Everyw M. I. W. Koger Weller Jr. Enrigio M. S.M.

J. B. Me illin Navigator.

Third Rate,

LOG of the UNITED STATES Ship Essex The Observation of Synchron Bay Va. and making passage to Veryort R. D.

			0	0			0	10000000	V			v					1
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear othe.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M	Did	ab c	unut														
1	0	7		96. by 6.	991 ly 91.	3			30.24	43	41	40		0.c.w.	mint.	0	1
2	0	1	to El.	96. by 9.	9 . by 9.	3			30.24	42	41	40			cum mint	.0	
3	0	4		Ofest.	Hest.	2.3			30.23	42	41	40			11	0	30
4	0	8		01.101.	Ok by A.	3			30.24	42	41	40			cir cum	0	
5	1	5			W. U.W.	3			30.23	43	41	41		b.c.m.	nimb.	3	-
6	as	auch	ler and	Getting underway	A91. ly 84.	3			30.23	43	41	41			cum	7	
7	3	8	3.8	16. by 6.	A 96.	3			30.26	41	41	40	41	"	cir aum	6	8.
8	9	5	13.3	6.16.946.	A. ly 6.	3.4			30.24						is.	6	
9	6	0	21.0	NE. by 6.	1. by W.	3-4	4	0	30.32	39	40	39	41		cir.cum.	6	1.
10	6	9	29.9	1. E. ly St.		3-4	4	٥	30.33					"		6	M.
11	6	6	34.5	. 0		3-4	3	0	30.34	41	40	37	40		-	6	
Noon.	6	5	41.0			3-4	3	O	30.36	40	40	37	40			6	

39. 3 Distance run by Patent Long Course and distance made good since preced vations N 37º6 26 knots. 37 0 20 · N ." Latitude by D. R. 75017.04.11 Longitude by D. R. Position at Noon: 37 0 17 . 1. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A.M. Latitude by branings bape Charles Lightship 4. 18 9. 16 0 59 1. "
Longitude by " ... Honey N. 124. 75 0 40 18. " Position at 8 P. M. Latitude by D. R.

Longitude by Charameter from P. M. Obo. O 38004.1.11 74 0 35 . 04. " 95506. Current during the time, 10 knots tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head 2050 " " %.

Error of the Compass by Azimuth @ observed at 40%, ship's head NE.by A. Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

variation used, 300 gallons. 600 2500 7 tons /220 lbs. /35 " /370 "

. M.								-	-								100
1	6	2	47.2	1.6. by 1.	1. by 04.	3-5	3	0	30.37	39	40	37	40	b.c.m.	cir cum.	6	1
2	7	0	54.2			3.5	3	0	30.36	39	40	37	40			6	
			61.5			3-5	2	0	30.34	39	38	35	40	6		6	
			67.8			3-5-	2	0	30.36	38	38	35	40	4		6	
			74.7		N. N. M.	4	2	0	30.37	37	37	35	40	"	stial.	4	
6	8	5	83.2			4	2		30.37							3	
7	6	1	83.2		,,	4	2		30.43					4		8	
			96.5			4	2		30.46						cir cum.	9	
9	6	0	2.5		1. ly &.	4	3	0	30.46	34	3.5	32	39	"	"	5	
10	5	9	8.4	-		5	3	0	30.46	33	34	32	39		-	7	
11	6	2	14.6			5-	3	0	30.46	32	34	32	39	,		7	
lid.	6	3	20.9			6	3		30.47							5	-

Midnight to 4 a. m.

This survey to 68th the sh 2 o'clark. Banked fire in Bolers 4. E. and S.

n. J. Colema

From 4 to 8 a. Cm.

Dente to modulate bress from Is Not to Aby E. Dain to clear Ar 50 lock agreed from under Birlew A. E. and I and I soll got undergreen under stam and stood on to sea, concer East.

Al 6.25 Eager Barry Light borr (p.c.) F. 91 h. It, claught course to AE by E. (p.c.) and put now potent by registering a hunter At by the 12 st all plan acil everys manuall Al 80 Clock took department Super sea East. Cape Charles Lightship No 18 % (onag) Cape Charles Light N & 12 %. (mag) Patent bry 13.3 kute

From 8 a. M. to Merid

Hercell Leitenant M. J. Oh

Cloudy cool and pleasant. Sentle to moderate breey from N. by S. Baroniter newing During fresh how trok in all aquare said and flying jet and at 8 50 brought eluip to cause N. E. by S. (pc.) Brent main and miggon topmach stayonile it 10 so took in such fulled attended and aft said. Tieted magazine flord croke and drame and found them in god order Occidented statemed bover chain. Fecund sucher for sea. And staw alme at end of watch. Revolution 43 & Fream 47 the Impuration of magazine 35 format 86 aft.

From Previow. to 4 P.M.

Cook, alight mick could horizon. Souther to stiff brey from N. by W. al 100 took sounding, 11 fatheres, a awdy bottom white with black and yellow aprehes. It I so ask flying get git for trymoner atainal, main trypail apparlan rand forward. At 1.45 took in forward and flying get git for trymoner atainal, from chain ends stand it blar; get up you low chain. Florens in eight to 6th atransang to Na. al 300 eighted schomes to 6th atransang to I at all a close of watch under steam and for rand raff sail engly flying jit and main and magain trymach stongails. Merchante surll from N. B. Survey N. S. by N. Steam in N. E.

Dione I to 1000.

Greign W. J. M.

From 4 to 6 9.9%. Dais and cold moderate breze from N. N. Fteaming under these boless, For and affected everys flying fit and main and myser topmast struscale. It so so set foreail burse No. by M. Jac. Chrotetini 48.3 per minute. I term Pursue 58 lb. Potent by 83.2.

From 6 to 8 9.0m.

Bluvcell.

Lintewant U. &. W.

Cloudy and cord. Burdenate breeze from A. A. V. Barmeter resing . Ander steam, jet fore typmack atawaysal, foresist, onain trysail and epenher Gones N. By N (pc) Steam 58 lb., Burdetwie 46.9. At \$00 took a anothing, in 20 fathous, bottom yellow asand, black apreche.

Promi 8 P. M. to Mind.

Change and cold Moderate to stiff busy from I by E. at 8 30 took in foresil, jet and man trypail at ends of evately under straw and for trypail and epaulies, on ensure 85. by th. Deire in bottom to E and D. Merbettin 1944. Petraw, at 120 o'clock took annating 26 follows, jetlew annat, black expects, Osbart Sig reading 20 g From 8 J. m. to Mind

Examined and found to be correct,

n. J. Colsman Are Energy Re. J. M.

J. B. Me etter Navigator. Seitewant & S.R.

LOG of the UNITED STATES Thip Essex Third Rate, Waking passage from Okorfolk, Via to Chewport, R.D.

-					0		-				U						
			Reading		WIND.				BAROME				TURE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the St
A. M.	79	50	26.0	16. by 4.	N. by %.	5	3	0	30.47	30	30	28	39	b.c.	cireum	5	M
9	100	7		00.09	7	5	3		30.49							6	
3	5/3	3	31.89	Jr6. 1. N.		5			30.50					4		7	1
4	6		42.2			5	3		30.54							6	
5			47.3			5			30.54							5	
6			52.2			6	3		30.54						cum.	4	
7	5	2	57.4			7	3		30.59							7	
8	4	8	62.2	•		7	3	0	30.57	20	22	21	35			7.	
9	5	0	67.2		1.194.	7	3		30.59						circum	6	
9.40.	3400	3 to 2	Raled in	NE.		6	2	0	30.61	18	20	19	35		cum.	3	
11			4			6-7	2	6	36.62	. 19	20	19	36	b.o.m. 0.9		2	
Noon.						6-7	2	6	30.63	18	20	19	37	b.com. g		3	

128.9 Dietance num by Patent Log. Course and distance made good since preceding noon by observations, J. 42 26. 138 knots. 39 003 11. " (Latitude by D. R. 73 041 104.11 Longitude by D. R. Position at Noon: 38 059. 1." Latitude by observations of O 73 019 194." Longitude by chronometer from Forenoon Observations of ② Position at 8 A.M. Latitude by D.R. 38 0 59 . N " 72 029,94 " Longitude by Observation O Position at 8 P. M. Latitude by D. R. Longitude by D. R. 39 005 1 " 73 007 . 94. " Current during the time, 17 knots tenths per hour, setting to the \$752 6. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used, Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head 300 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2500 Water remaining on hand fit for use at Noon, /3 tons /880 lbs. Coal consumed during the preceding 24 hours, 108 - 150 Coal remaining on hand at Noon,

P. M.								1	1						******		
1	0	8	Haredin	16:12 N.	Aly Dr.	6.7	3	6	30.64	19	20	18	37	bo.m.s.g.	cum-mai	6.2	M
				JE. 126.		7.8			30.64						,		"
3	1	6		JG.	,	6-8			30.64								
				NE. by 6.	,	67	3		30.64								
				10:1		6-7	3		30.65				,			1	
6	0	5	69.5	N 6. 12 N		6-7	2		30.66							1	
			75.5		4.16	6-7			30-68						cum.	2	
8	4	0	79.5			6-7			30.68						4.	2	
9	3	5	84.6	1. NE 3/46.	North	3.4								b.c.g.		4	1.
			89.1			3-4			30.76							4	
			93.4			3-4	2		30.76							3	
			97.5			3.4	2		30.76							2)	

, U. S. Navy,

, 1894.

midnight to 4 a. On

Elean Stiff breeze from No. by M. Steaming with free under brilere A. C. and D. Fortogrand stayrail and expanser. At 2.10 got animology is 24 fathemes, frue gray sand. At 2.15 changed concerts No. 12 No. At 40 clock got animology we 22 to fathemes, frue gray sand and shell. Newtitine 43.2 per minite Patent log 42.2 known Freeze of the HSP week Hereell Sentenant Ol. J. &

From 4 to 8 a. On.

Cloudy and cold. Itely to very freel breen from N. by W. Baurnete ruing. Come N. E. In A. Ander stam, for topmark stampail, apparher and refer 6-30 trypail. At 7-30 de large full ugget ship passed arten. Fleam 60 lbs. Revolutions 44 m. Roger Welles Jr Eusign & &. D.

Cloudy and cold Freeh breeze from N. N. N. Sast two hour thick, cleaning at intervals Third how served fluries of enew. at 8 20 took arrending , 32 fathous, white sand with black agreeks. At 12.00 tooks amudung 39 fathous, gray sand einth black specks. At 9.20 stopped engine for repairs and banked fries in 4 6 and 3 Balers. At 9.40 hauled in Patuk of reading 69.5. Ab class of watch ship lying to ender for topmark stayoul main toppail and apacher, diffing to 6 FE. about 3/4 kurte Products and from A. I. W. Demyerature of magazine 32 formed, 34 at 16. n. J. Coleman

Freels to very fresh brozz. blowny one freel to moderate gale in aqualle. Cloudy. Thick around horizon Fren Fying to under for typmass stampail, main trypail and agentee . Banked free under biles 4. b. and B. Portwate and from Is by Is. At 40 clock got arounding in 38 fathous, fire gray cand, black agents.

Durale Lieutenant U. S. D. From 4 to 6 P. M. bloody, thick and animing. Fresh to very feel been in aqualle from I by W. Bavometer recing at 5.35 started about along on course N.E. by A (pc.) and gut one Botant log reading by 5.

Roger Welles h

N. S. Colman Ensign W. J. W. Fine 8 P. M. to Mid. Changed concer to A. N. 3/4 E. and took in four and aft sail . Patent log 9.5 kurt . Personing . At 23 changed concer to A. N. E. 3/4 E. and took in four and aft sail . Patent log 9.5 kurt . Personation 4.3. From Justin 58. Involution as Jun North:

Thereall Lintenant W. & M.

Examined and found to be correct.

Leutenant & For. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Chorfolk, Va. to Cheupport, R.S. BAROMETER. TEMPERATURE.

State of the Weather, Clouds, by Schools in inches. att'd. A. M. 33 0 30.75 22 20 19 40 b.c. A. by E. 3.4 12 3 2 0.7 J. JE 3/46. 1 4 0 4.7 J. JE. 3-4 / 0 30.762220 19 40 0 30.76 22 20 19 40 b.am.a 3-4 1 50 9.7 3 1 0 30.76 22 20 19 40 4 8 14.5 0 30.76 23 20 18 40 3 1 5 3 19.8 0 30.76 22 20 18 40 5 7 25.5 3 6 3 31.8 16. 2-3 / 0 30.76 2220 18 40 0 30.76 22 20 18 40 8 5 7 37.5 1 5. by N. 3 0 30.76 20 20 19 39 0.C.a. numit. 0 5 8 43.3 10 6.46. 1 0 30.76 20 20 19 37 5 9 49.2 0 30.77 20 21 19 35 b.c.e. 6. by N. 5 8 55.1 0 30.77 22 20 19 35 Noon. 5 7 61.8

96. 4 Dictauce run by Patent Log Course and distance made good since precedi ing noon by observations, J. 6. 1/4 Ju. 102 knots. tenths. (Latitude by D. R. 40 ° 13 ' . " 72 0 20 '04. " Longitude by D. R. Position at Noon: 40°25' 4." Latitude by observations of O 72°02'04' Longitude by chronometer from Forenoon Observations of O Latitude by MR. 39 °52' N. 72035194" Longitude by D. R. Position at 8 P. M. { Latitude by Longitude by tenths per hour, setting to the NG. by 6. Current during the time, 18 knots Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used Water expended during the preceding 24 hours, 300 gallon during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2200 8 tons 380 Coal consumed during the preceding 24 hours, 99-2010 Coal remaining on hand at Noon,

1																		
P.	M.																	
	1	7	7	69.5	N. JE 3/46.	18.	3	0	0	30.75	23	21	20	35	b.c.s.	am mind	2	9
	2	18	7,	14.2	4. by 6. 3/46.					30.73								
	3	2 1	3	11:	# . IVE 14 E					30.70								
					N €. by €. 18 €.	4				30.68						cum.		
					- Olnder come of	"				30.62								
					Navajeto	,				30.60								
					NE.126.	,,				30.60					,			
					Steering by lights for newports Ch. 9.					30.60							3	
	9	7	2	22.2	Comming.			0		30.54					0.0.	utnit.		-
	10	6	7	289			8	0		36.48							0	
						6. NE.	3	0		30.45					0. c. s.	-	0	
					g€ 3/4 g.	E 96.				30.44							0	
1																		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Medught to H a. M.

bloody with sum fluries last two house. Gentle to moderate bruge from N by E. to N. N E. Bawoneter steady. Under steam alone, no cruse N. N E. 1/4 E (p. c). W 4.00 stopped engines and annoted in 36 fothers, bottom gray sand, black specks. Steam 60 lb. Pavolutione 37.

From 4 to 8 a. m.

Roger Wellis h blondy, evening a little at times. Light to gentle been from N. 46 to NE. Gludes steam in Birles A. L. and D. Ou course V. NE. 8/2 6. Etcans 57 lbs. Revolutions 42.1

N. D. Coloman as & Busign Qu. S. M. Orum 8 a. On. to Merid Light beeze from No. by N. to 5 by N. Cloudy with sum all the watch Ownest frist part at 10.0. M. at jet, for topmast staypail, main trypal and aparker at 11.55 stopped and got cast of lad in 35 fathous brown and and black aparker at mon, went alway again fell apent under their boilers. Patent by 61.8 hutte Berlutime 42.9 Pressure of the Course N. N. 6. 446.

Designation of magazine 33° forward, 34° eft.

Leutenant W. S.W. From Merid to 4 J.m Clondy and cold, Light airs to light breeze from No. At 120 changed course to Noty & 3/4 & at 1.30 changed course to Noty & 3/4 & at 1.30 changed course to Noty & and took anading 30 fathons gard with black apacks. Back of watch brading various conser, ordered by Communiting Office 18 300 fulled jets, for topmark stayeast, main tupail and esparks. At close of watch under ateam alone Mortauk sight braining No ly & distant about 16 miles. Revolutions 47. Them 67 lb.

Dem 4 to 69. m

Roger Welles Je Eusign V. F. M. Cloudy and cold. Fight been from NE. Bavoneter falling. Under steam in Britis A. Cand D. Steering various conservative of Charlest Office of Block Island Form E. S.E. Gased Hack buy of Protact Cont at 60 clock. Revolutions 415 Steam 57 lbs. At 430 knowled ships No, and was audured by Sife Saving Station, then but on International F. S. Och their resummental.

Jun 6 to 8 P. m.

Gueign U. J. a. Light been from No. Cludy Francing . Benev No. 126 at 6.25 righted Black Island Sight, North sud . at 5.57 Fe was Black Island Dight was about not by land . at 725 righted Point Judich light ahead after 7.30 stewing by lights and standing in for newspork Harbor. At such of watch Point Judal Light born NE (pc) and Black Island sight Sorth End & FG (pc) Revolutions 42.5. I steam presence to Patents by 15 k.

Oum 8 9. m. to mid.

Lewtenant W. S. M. Orward, with sum last two hours bentle to light breeze from 46. to 6. 86. Bacometer falling. Strawing into Respond Hailon the Commandering Office conving entil 11.00 when came to rawher in 10 fatherne extension and court to 45 fatherne interior have experience at allowed chain. Banked fries in bolow of and I and allowed from in boiler & to die out Bearings of androger Row Saland Light & the lift (po) Ships had 6. 14 I. I not by of align 16 ft 3 in after 13 ft 3 in forward. J. B. Mo illon, J. Energy J. J. M. Secretural Q. J. M. Navigation.

J. Coliman

LOG of the UNITED STATES Thip Essel Or anchor in the Harber of Thewport, a.d.

Third Rate,

						- 6	/		V								
			Realing		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenthe.	Reading of Patent Log.	Ship's head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of th
A. M.	Judi	alc	urent	U													
1	0	8		1.16	NE. by N.	1-2			30.40	29	25	24	39	0.0.0.	mint.	0	
		7			16	1-2			30.37	29	26	25	39	0.0.		0	
3	0	7		16. by N.		1								0.0.0. f.	"	0	
		4		1	6 5	1			30.26	31	28	27	39	0.00		0	
5	0	3	dominie	6.48.	-	1-2			30.20	32	29	28	39			0	
6	0	2.	to Ind.			2-3			30.16	32	29	28	39		-	0	
7		2		16.		2.3			30.14							0	
8			Flend			2.3			30.13	33	30	29	39			0	
			,			4			30.10	37	33	33	35	O. C. A.	"	0	
						4			30.10	37	35	35	35	0. c.h.		0	
11						4			29.95	37	36	35	35	.,	.,	0	
Noon.						4-5			29.95							0	
									1							1	

Course and distance	re made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 /	i	
	Longitude by D. R.	0 1	11	
Position at Noon:	Latitude by observations of ②	0 /	II .	
	Longitude by chronometer from Forenoon Observations of ②	0 /	"	
	(Latitude by	0 ,	13	
Position at 8 A. M.	Longitude by	0 /	"	
	(Latitude by	0 /	"	
Position at 8 P. M.	Longitude by	0 /		
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0 '		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	0 1
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1	11	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 4	variation used,	
Water expended du	oring the preceding 24 hours,	300	gallons.	
Water	during the preceding 24 hours,			
Water remaining o	n hand fit for use at Noon,	1900	-	
Coal consumed dur	ing the preceding 24 hours,	8 tons 38	1bs.	
Coal remaining on	hand at Noon,	99 " 20.1	0 "	
		11		

P. M.	0:1	1-0. t	Surenh										
			Flord	N6.	J6.	5-6	29.9236	34	33	31	0.0.0.9	mint.	0
						5.7	29.8935						
						5.7	29.89 35	33	33	31			0
					-	5.7	29.8935	33	33	31		-	0
			-	1.16.	Jb by €.	7	29.8982	29	30	32	0.0.9.		0
6	0	0	Elf.			7	29.90 32	29	30	32		1	
			Flord	1. by 6.		7	29.94 31						0
		0				7	29.95-30	28	29	32			0
	0					7	29.97 30						0
10	0	0			-	7	29.98 30			4	*		0
11	0	0		"	-		30.0430			-	be.	cumetial	
Mid.	0	1				7-8	30.08 30						8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Overcast, warmer. Eight aire to light breeze from NE. by A. to NE. Barmeter falling. Banked frie in Bilew A and D.

n. T. Coleman Ensign W. S. M.

Overcast and cloudy Fivouring. Eight airs and Brees from No Commenced surviving to flow at 5.15 and finished at 6.15 Gent mt steam launch. Banked fine under brilers. A and D. Barometer falling. Oum 4 to 8 a. On

Dercell Lieutenant De & &

Convanding Officer paid official visit to Commanding Official for the College and Training Claims of The Commanding Official speed of the College and Training Station Richmond rignalled Take bruy or anchor at discretion Training Station (Estaman), 60 Telefolds of North Security J. D. Sellivan (Es) and J. Karett Colling with large hammore and necessary pages. Danked free in Bills of Burnette falling of White (To at B. 3 or Clay returned from the College are trained to the College and Station of Management of magazine 35° forward 36° 24.

Charles to 4 J. M. College and St. 24.

Chaid to 4 F.M. Senega R. S.M. Senega R. Senegak Baronter falling. Banked five in Bries A. She Udjutahh of the Military part came alonguk and pureuted complements of Commandaul to Commanding Officer of this orsel.

From 4 to 6 4.9n. Every fresh breeze from N. by E. Heavy enno fall Overcast and cloudy Banked frie under Bole 4 Tidal observations not reliable due to wrather B humiter unstrady.

Flurall Linterant M. S. Dr.

From 6 to 8 P. Dr. Quecast with heavy even fall . Very fresh been from A. by E. Bawmeter reining stadily adding to wind against flood tide, no observations on account of weather Bakker free in briles A. Roger Welles he Koga Welles Ju Ensign U.S.W.

From 8 P. In to Oride. Cool. Very feels breeze with equally from M.E. Bravometer recing. Branched free in Boles A. T. Coleman

N. J. Coleman . J. Dr.

Examined and found to be correct.

J. B. Meilton, Navigator. Sintenant U. S. W.

LOG of the UNITED STATES Phip Essex.
We anchor in the Harbor of Chewport R.D.

			Reading		WIND.				BAROMI	STER.	TEM	ERAT	TURE.	State of	Forms of	of Clear in 10ths.	o Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass. Physics head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of th
				0													
A. M.				JV. N. E.	N. by E.	7			30.18	30	26	25	31	b.c.	cum.	9	
2				N. by 6.	.,	7			30.18					в.	none.	10	100
3				.7		7			30.18	30	26	25	31			10	
4						7			30.18	30	26	25	31		"	10	
5						6			30.22	29	25	-24	130			10	
6						5			30.27	29	25	24	30		"	10	-
7						4			30.30	29	24	23	30	,		10	
8	a.		0			4			30.34						cir strat	9	
	1.Lr	orl.	ide			4			30.40					"	6 :	3	
10	6	1	*		•	3.4			30.42							8	
Noon.	6	0	•	n. n. E.		3.4			30. 44							9	
Noon.	0	0		16.16.6.		- /											

Course and distance made good since preceding noon by ob-	oservations,	knots.		tenths.		
(Latitude by D. R.		0	,	"		
Longitude by D. R.		0	,	"		
Position at Noon: Latitude by observations of ②		0	,	"		
Longitude by chronometer from Forer	noon Observations of ⊙	0	,	"		
(Latitude by		0	,	"		
Position at 8 A. M. Longitude by		0	,	"		
		0	1	"		
Position at 8 P. M. Longitude by		o	,	"		
	our, setting to the					
	, ship's head	0	,			
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used,	0	,
	, ship's head	0	,	"		
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used,	0	
Water expended during the preceding 24 hours,		30	0	gallons.		
Water during the preceding 24	hours.					
Water remaining on hand fit for use at Noon,		16	no			
Coal consumed during the preceding 24 hours,		/ tons o	260	lbs.		
Coal remaining on hand at Noon,		98 . 1	750			
Coar remaining on nand at Noon,		, ,				

1																
P. M.				1 1. 0	5 5 0				-		4	4	,	1 · +	-	
1	0	1		1.1.6.	n.h. /E.	2-3						30		eir.str	8	
2	0	2		λ. h. €.	"	2	30,	46	35	32	30	30		-	8	
	0					2	30.	46	36	34	33	30			8	
	0			n. by E.	•	1-2	30.	46	36	34	33	30	"		6	
	0			h. by E. c. by h.	, E. S. E.	2	30.	46	21-	34	33	30				
	0			/.		2	30.	48	33	31	31		,		8	
				8. 8. 8		2	30.	48	32	31	31					
8	0	1		8. E. by 8.	,	2	30.	48	32	31	31		b.	noue	10	
9	0	2	Flord	8. E. luy E.		2	30.	48	3/	3/	30				10	
10	0	1		, E. Lef 8.	,,	2-1	30.	47	31	30	19				10	
11	U	1		8. 8.18.		1	30.	46	3/	30	29			4.00	10	
Mid.	0	1		S. by N.		1-3	30.	45	31	3/	30		b. s.	in cisus	7	
1				/											1	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. Overy fresh breeze from N by E. Bleav. Banked free under Biles A. Oro selable tidal data observate due to high wind.

Lieutenant U. J. M.

From 4 to 8 a. m. Clear, cool and pleasant. Fresh to moderate breeze from N by & Bacometer resing. They induig to unid Oro reliable tridal observations Branked from in Briles.

Ensign Usle Je.

From 8 a.M. to Meridian. None & C. M. to Meredian.

Clear and cold; fulle to moderate breeze from N. by B.; barrenter

Nicing this riding to wind himt. N. D. lo chester W. W. N. reported for duty

we bland this, Tuessel. I Politican (M. a. a.) went on 48 Hours. Heave.

Danked from im boiler a. Compution of megajum 34 found, 00° aff.

N. J. Losteman

Lisign W. S. N.

Muidian to 4 P.M. lole-airs to guilto hear from N.M. C. By direction of Sunior Official present-the line Official this ship which to the fluincing Islation to receive instrudent from regard to the instruction of apprentices vanled from in boiling at 1. A. boteman.

On the instruction of apprentices vanled from in boiling to M. A. boteman.

Carriego W. M. M.

From the POM. There and pleasant Light bruge from Eile. Barometer rising. Dankey fire, in bottom at Kogu Welles he Kogu Welles he Rusigue de S. M.

From P.M. to Midwight - blear and smal; high airs to gently here from E. S. E.; Farmely falling. Faulth fires in boiler al of blood like at 9 o'clock.

N. D. Coleman.

N. J. Coleman, Lucigu W. S. N.

Examined and found to be correct.

J. B. Milton Navigator. Sintenant - U. S. K.

LOG of the United States Suip Essex Find Rate,
at auchor in the Harber of Newfort a. Is

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.		Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.			a .	106	1.1.82												
1	0	1	Flood	S. S. W.	D. S. W.	2			30,46					U. C.	lue.nu	'	
2	0	1	-	, .	"	. 2			30.46				30	0"		,	
3	0	0	"	Swinging	,	1-2			30.46				80	b. c.	1 mes stre	1	
4	0	0	Ebb	n. E. Dy W.		1			30.46	31	33	33	30	*	eir. str.	9	
5	0	t		1. n./E.	Calu	0			80. 44	35	33	23			"	9	
6	0	.1-		N. by E.		0			30.44	34	32	31			"	8	
7	0	2	,	N/E.	S. E.	1-2			30.45	33	34	34		b. 2. m.		7	
8	0	0		E. by 9.	S. A. R.	1-2			30.46	36	35-	34			,	6	
9	0	0	duriaina	E. S. E.		1-2			30.48	41	37	36		C.	"	4	
10	0	1	Flood	A. S. E.		1-2			3446	42	38	37		,		4	
,11	0	2				1-2			30.44	41	38	37			cir.str.	1	
Noon.	0	2				1-2			30.42	42	39	38				1	

Course and distant	e made good since preceding noon by	observations,	knots.		tenths.		
	(Latitude by D. R.		۰	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O			,	"		
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	."		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by	•	0	1	"		
Current during the	e time, knots tenths pe	r hour, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	5
Error of the Comp	ass by Azimuth O observed at	, ship's head	,	,	"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Water expended d	uring the preceding 24 hours,		4	M	gallons.		
Water	during the preceding	24 hours,					
Water remaining of	n hand fit for use at Noon,			20			
	ring the preceding 24 hours,		/ tons	36	• lbs.		
Coal remaining on	hand at Noon,		97 1.	39	0 "		

P. M.	٨	2	Grand	South	S. by E.	1-2	30.37 4.	1 41	40	38	b. e.	en cur	2
2	0	2		S. E. N. E. by E. N. S.	1.	1-1	30.31-4	4 48	42	38			
3	0	1	Ebb	S. E.	1	1-1	30.34-4	41	40	38	,,	and maked	1
4	0	1		n. E. by E.		2-3	30. 33 4						
5	0	2		n.8.	,	2-3	30,31 4.					eir.str.	
6	0	1		*		2	30.33 4	39	39	40	e.	Syn gre.	1
7	0	1		East	South	2	30.35-4					eix. str.	
8	0	0				1-2.	30.36 4	0 39	39	40			9
9			4	S. E. by S.	8. S. W.	1-2	30,36 4	39	39	40			9
10	0	1		/		1-2	30.34 4.				,	"	9
	0			S. by E.	lealm	0	30.34 4	\$ 40	39	40			9
Mid.	0	1		S. by E. S. W. by S.	lalm	0	30.32 3	8 37	37	38	" .	"	9
1				1				1	1				

Reducadory, February under the command of , U. S. Navy, 28th, 1894. Meridian to 4 O.M. Sist of apperties received from having Station Simbern George M.

Liche Joneph Berhand W.

Liche Minfield T.

Jacob Stope Affacts T.

Jacob Stope Affacts T.

Jacob Stope Affacts T.

March State Min Hardy T.

March State Min Hardy T.

Reduce the first M.

Reduce Milliam D.

Brilliam Many J. J.

There of March J.

March J. J.

Milliam Milliam J.

Milliam Milliam J.

Milliam Milliam J.

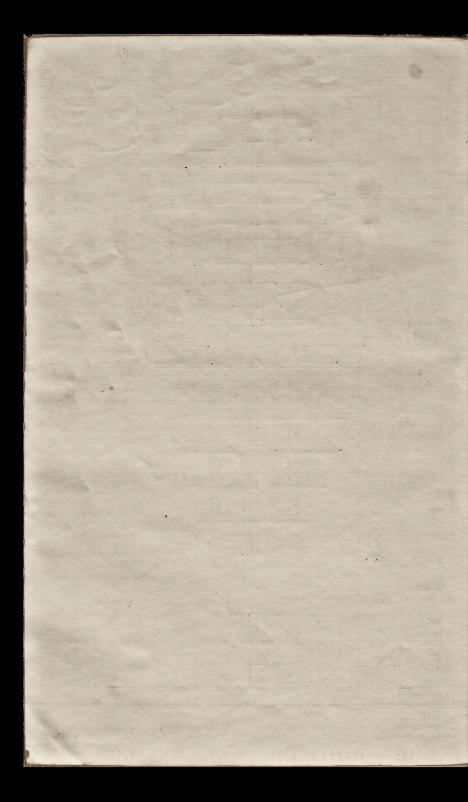
Milliam Milliam D.

Robert March J.

March J. J.

Milliam Milliam D.

Robert March D. Low and the stand of the standard of the stand old. It tide boiler a aperton, at W.S. n. bruges from le austil veler a: vegetables. elles.fr. ign, all. -auding mauder tinet leave. wered 904. Irman ~ W.S. N. from S. by E. tips verel ler daben: Enther Keule Rebison www. D. Smith We C. Smith Was C. Special Former M. There cler Key W. Mobiner Robert D. Webster Edward W. Williamo Colward W. Williamo Colward W. . In rlow, 1-6.8. n. auked. oleman. W.S. N. · airo, from levot. sertou. uf W. S. W. approved: Commonder, M. I. V. James Examined and found to be correct. J. B. Moillon, sarigator.



under the c U. S. Navy, 894. Commences and entil + a.M. bloudy first part, cleaning latter part of watch. bold.

dight and and bruges from I. Str. Ship awing to the left tide
at 3.10. Moon have about & valuet. Sauled fire in boiler a. Linterant U.S. n. From 4 to 8 C. M.

Levelly clear and pleasant balen, light airs 4 bruges from S. E. to S. S. E. J. Farmeter stody. Ship riding to able tide builtil, 7.45 when started to awing to flood. Banked fines in boiler a Received no board 30 lbd, brush, 37/2 lbs. buf and 37/2 lbs. vegetable. Roger Welles. p. Ensign, all. From & a. M. to Miridian bloody & cool, light air to light-truges from ASE. I menanding officer of the training station paid an efficient wint to the bommander of this french broof Wheler (Whiter 2nd blood) reported about without live. I at \$1.50 made rigned but. 1400 and training determ answered 904. Banked fires in boiler a. Dang of magezne 34 (forward, 36 eff. holoman Eurique W.S. N. Meridian to 40.M. library cold + Atriating rain. Light airs + bruges from S. by E. Suyung to the Colo at 2.44 - at - 26 M. at fillowing natural appropriate 5th Office man broughout from In Revel Having & their to this years. with their hamischer, bags, accounts and nesterary transfer Laken: (Su appended list.) at 50M made kin signal 3nt. 4736 of Richard auch 904 at 3.11-furled rail, having previously stationed the apprenties. Tauled fines in triber a. W. Blaserton, Lieutenant - le. S. M. non 46-80.M. blondy and cold; light to qualle trage from & by & Famulach n. J. Coloman Eisign W. S. N. From POM to Midwight. Veright startight balun and light airs from S.S. W. Ship riding to the libb lidd. Banked fires under from M. S. aperton. Lieutenant W. S. M. apperand: Commonder, M. J. M. Smilg . J. B. Alo illa garganar. Examined and found to be correct.

1	200	} 0	f th		TED STATES	Ship in the 1	Es Ha	sex	- ~	p he		ør.	1-,	- (P. S.	Flin	l R	ate,	
F		198				WIND.			1	BAROME	TER.	TEME	ERAT	URE.			lear hs.	808	
	Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry ,Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se	
1	A. M.	,	1	Flord	S. S. W.	balma	0			30.26	36	56	31-	40	b. f.	hne	10		
	2	-0	6		S. S. E.		0			30,25	35	35-	34	40	-0	"	10		
	3	0	0	Elt	n. n. E.		0			30.24	34	35	34	40		"	10		
7	4	0	6		,,		0			30,25						"	10		
	5	0	1	,		"	0			30.11	31	34	34		b.e.m.	eir at.	6		
	6	0	1			"	0			30,21	31-	34	34		l. e. f.	ation.	2		
	7	0	5		noch	,	0			30,25	38	35	35		-0	,	1		
	8	0	2		N. by M.		0			30.24	37	36	36		,		3		
	. 9	0	1	,	0 0	d. W.	0-1			30.24	40	36	36		b.c.		4		
10	10:	0	1		n. E.	"	0-1			30.24	41	41	41				4		
	11	0	1		n. by E.		0-1			30.24	-		1			"	3		
N	loon.	0	1				1			30.24	44	43	43		"	"	7		

Course and distance	e made good since preceding noon by observations,	knots.	tenths.		
	Latitude by D. R.	0 /	"		
	Longitude by D. R.	0 ,	"		
Position at Noon:	Latitude by observations of ①	0 /	"		
	Longitude by chronometer from Forenoon Observations of G	0 '	"		
	(Latitude by	0 '	"		
Position at 8 A. M.	Longitude by	0 /	"		
	(Latitude by	0 /	"		
Position at 8 P. M.	Longitude by	0 /	u .		
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 ,	"		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	0	
Water expended du	aring the preceding 24 hours,	500	gallons.		
Water	during the preceding 24 hours,			•	
Water remaining o	n hand fit for use at Noon,	700			
Coal consumed dur	ing the preceding 24 hours,	tons 22 96 " 14	0 0 lbs.		
Coal remaining on	hand at Noon.	96 " 14	30 "		

											50 King 19	
P. M.	0	Flord	S. St.	S. M. by M.	1-2	30.21	44	42	41	b. s.	gir. gener	9
2 0	1	"	8. W. by 8.	S. SM	1-2	30, 18	46	44	48		une.	
3 0	2		S. h.	,	1-2	30.17					4	10
4 0	0		S.W. by Mr.	S. h. by h.	1-2	30, 17	48	53	49	,,	"	10
	1		N. F. Cy N.	+	2-3	30.14	45	46	45	b. e.	sirati.	9
6 0	1			m. S. W.	2-3	30. /3	44	44	43	,	eun str	9
7 0	1		n.w.E.		2-3	30. 12	42	41	40	,		9
8 0	1		n.e.		2	30, //	41	39	38	b. su.	Eine	10
9 0	U	Flord	Snit		0-1	30./2	41	39	38	l.		10
10 0	1				0-1	30./2				b.c.	pin	9
11 0	1		S. by W.		0-1	30, 12	41	39	39	"		9
Mid. 0	1				0-1	30./2				"		9

under the command of Dominander F. M. Diefeins , U. S. Navy. . 1894. RECORD OF THE MISCELLANEOUS EVENIS OF THE DAY. Midnight to 4 a. M. Molen. Thick for around horizon, litting last hour - blear overhead. Ship around to able at 230 finishing in to primite Tandard first in briter a. I have at 230 finishing in the primiter Tandard first in briter a. Herrell Trivelenant - la & M. now 4 to 8 a M. balen, cloudy and hogy barometer viving alighety blip away to obt tide. Familial free life boiler a. Reign W. A. N. From 8 l. M. to Meridian ; bloudy to fair and blessout. Light airs from M. Facewood in experturement of Supplies and accounts to the treat 100/4the beach loved and exteriorant of Bupples and account to the grant of property of the property of the granter to the train the property as to the ment to the granter out repersional areas at their station for half an form. These breaked confider briles a ship reduce to the tide Emperature of magazine 25 format strain to be a factor of the flater form to the first to the financial outsider of the flater or the first to the financial outsider of the flater or the first to the financial outsider of the flater or the first to the Meridian to 4 9.M.
fight sing and bruge from & 11. and & 11. by 18. When the began averaging to flood tide at 12. 10 and finished at 1.07. Harberlited appendix he having lead of running prigging. Technical from & & running blation with tog and Planmock and brusher accounts boarder & Bullock (3.0.4) Baufeed fires under boiler a. Directle W. A. N. From 41 - 8 0.71. bless, gold and pleasant weather high to gentle treese from A My/h. Health water at 4.30; fiducially everywhy to the little of to clock. Fool in 2000 gallong fresh water from the raining stationis, water higher ties, backed under boiler & Walaperton. From FOM to Midnight. Light airs from Wh W. Ishar. Ship evening to flood tide at 90 clock the 30 minutes. Butled fire under briler h. I Henrell dientersut W. L. VI

Lieuterout U. S. M.

LOG of the United States Ship Essey
At auchor in the Harber of Newfort, R. J.

			Deading		WIND.			1	BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S.
A. M.		1	Flord	S. S. Sr.	S. S. W.	1			30, 09	40	38	37		b.su	hne	10	
2		1			*	1			30,07	39	38	38				10	
3		0				0-1			30.05	38	38	38		4		10	
4		0		South	Smit	0-1			30.04	38	38	37		,	"	10	
5		De	vinger	- 0.1	,	1			30,04	38	37	36		b. e.m		8	
6		0	18831	h. E.	,,	1			30.04	39	37	36			str. cum.	4	
7		0		18. n. E.	S. S. St.	1.			50.04	37	36	31				4	
8		0		n.E.	~	1			30.03	39	37	36			eir, cum	4	
9		0	Pland	96.	FO4.	1-2			30.01	41	40	39		b.c.		4	
10		1		901. h. g.		1-2			29.99	42	41	40				5	1-1
11		1		301		2-3			29.98							5-	
Noon.		2		901. h. F.		3			29.97							5-	
ATOMI.				1													

ourse and distant	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
osition at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	n
osition at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
osition at 8 P. M.	Longitude by	0	,	u .
urrent during the	time, knots tenths per hour, setting to the			
rror of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	
	ompass by Azimuth O observed at , ship's head	0	1	variation used, o '
rror of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"
	ompass by Azimuth ⊙ observed at , ship's head	Q	,	variation used, o
later expended d	aring the preceding 24 hours,	4	00	gallons.
later receu	during the preceding 24 hours,	25	00	
later remaining of	n hand fit for use at Noon,	28	-	
oal consumed du	ing the preceding 24 hours,	/ tons 8	60	lbs.
	hand at Noon,	95 . 6	10	

D. W											
P. M.		Flord.	901. by 9.	fo.	2	29.94 4	5- 44	48	b.c.	cir. um.	5
2					2	29.92 4	3 42	41			3
		-			1-2	29.90 4					2
	0	100000			1	29.90 4	3 42	41			2
		Plack	Ju 94.	Q. N. O.	1.2	29.90 4				etiel	2
		Ell	N by 6.		1-2	29.88 4					4
		,	N orth		2	29.88 4				cir. steek	9
			N by E.		8-4	29.88 4					
	0		J. ly 91.	N. N. O.	3-4	29.90 4				cum stat	1
	0		1.191.		3-4	29.92 4			b.	none.	10
	0	,			3-4	29.93 H					10
1	0		ak.		3-4	29.94 4					
			7					1			

under the command of Communder J. M. Dickius , U. S. Navy, , 1894. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Roge Welles J. S. n.

From 4 to 8 a. M. Stack airs, from And. and 8. S. M. Stack water at 4.11: finished awing just to the Ab at 7.30. Fire bouched under boiler a. Received in Defartement of Supplies and accounts. Follow break, 106/4 lbs. orgetables and 106/4 lbs. fruit beef for ince to crew. Lieulen aut - W. S. N.

From 8 a. On. to meriob

Clean. Sight anis to gentle breze from P. Ship began sevenging to flored at 8.30 and finished in 20 montes. At 9.30 mintered at Quarter of Stational law tender that of Charles Thetarrow Stational and instructed in attained at Secured Quarters the appreciation of Corners all hands in making each to engals; courtebased black for eaching their shortened and fulled sail. By order of Commanding Officer placed in enfuminal for eafer keeping, to await unitigation Otto Fellewite (La) Banked fire under Bollevit. Received in Equipment Disph. 3 galley coppers and 150 lbs of kemp Arthur 4 Young Bar.) reported for duty from Qt. F. G. Padrad; his accounts and transfer papers are to over by mail. Comparation of magazini 37: forward 39: 4ft. By who of Commanding Officer. 6 Neuman (La) was reduced to the class conduct for king hunk or duty. Lieutewant M. F. M.

Jum Merid to 4 P.m Sense Hered to 4 3.00.

Cloudy Light air and breezed from 994. Barvarter falling. At 2.40 made again Interregatory. 2424 which was asserted by Richwood with 904. Featuned appendices his broter for abandoning align and which regular quelling broter view, excursing the latter at quelling. Transfind Deunie Fullician Chis and J. Chuitauen (B. M. 24 cl.) to Q. S. Geenont, well bage hammores and necessary gregors, by order of the Bureau of Garagation. Banked five in Balon A. Tested magazin flow very and diange and from the working order.

Coyer Chelles Ir

Oum 4 to 8 F. On Light airs to morderate breeze from M. A. M. Cloudy to clear. Their sering to Edd at 5.30 in one how. Banked five ender Birke A.

Lintewant Q. J. Dr.

From 8 F. M. to Mil.

Clear wrather Gentle to moderate bery from N. N. M. Barmeter sixing. Banked free in

Roger acelles, h.

Examined and found to be correct.

J. B. Milton . Navigator . Lieutenant U. S. Ok .

LOG of the UNITED STATES Thip Essex We anchor in the Harbor of Queryport R. J.

Thurd Rate,

					WIND.				BAROME	TER.	TEME	PERAT	URE.			lear hs.	Sea
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.		lal 4	Surrent	0													
1	0	1		St. N. OU.	Sr. N. 94.	5			29.94	40	40	40		b.c.	cir stret	.9	
2	0	1				5.3			29.94	40	40	46				9	
3	0	1		4		3.4			29.94	40	39	38		в.	nne	10	
4	0	1	606			3-4			29.98							10	10
		2		N orth		2-3			30.02					b.c.	cum . otras	8	
	0	5				2-3			30.04	40	39	38		.,	ür.	7	10
. 7				Jeby E.		3			30.09	38	39	38			cum etial	1.7	
8						3			30.13							8	B
	0			North	Sorth	3			30.16	43	42	40		b.	none.	10	1
10						3			30.18					"		10	1
11					-	3			30.20					"		10	1
Noon.				1. ly 6.	1. ly 6.	3			30.20						-	10	-

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 1	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by		"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the Co	ompass by Azimuth @ observed at , ship's head	0 1	variation used, ° '
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	aring the preceding 24 hours,	400	gallons.
Water	during the preceding 24 hours,		
Water remaining o	n hand fit for use at Noon,	2400	
Coal consumed dur	ing the preceding 24 hours,	1 tons 760 93 " 2050	lbs.
Coal remaining on	hand at Noon,	93 2050	

P. M.											0		
1	0	0	Olond	North	Storth	3-4	30.18	46	45	40	6.	none.	10
2	0	0				3.4	30.19	46	45	42			10
3	0	0				3-4	30.20	46	46	42			10
4	0	0				3-4	30.21	46	46	44			10
5	0	0	EH.		N. N. C.	3	30.22	46	46	44			10
6	0	0				3	30.25	46	45	42	b.c.	cir strat	9
7	0	2		N. ly 6.	,	3	30.28	46	41	39			9
8	0	4		J.NE.		2	30.84	43	40	38	1	more	10
9	0	4		N. by 6.		3	30.43	43	40	38	- "		10
10	0	3				3	30. 43	42	40	41			10
11	0	2				3	30.40	39	40	41		"	10
Mid.	0	2				3	30.41	39	40	41			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Orchinght to + a. M. Elean and cool. Faff to quette been from N. N. B. Banked frie in

n. D. Coleman Eneign Q. F. N.

From 4 to 8 a. M.

Light to gentle been from A. A. b. Clear and cold. B. acked free under Bales. A. b. Chlecker Hills 2nd et. utuned in braid at 7. 25; 71/2 hour wratings bedung to obt tide all the world. Persuid in Dept of Tupples and Ecounts, 84 lbs. of feel boad, 105 lbs. each of find bal and martibles. buf and orgetables.

Herrell. Lieutenant M. J. D.

From 8 a. On. to merid.

Clear and pleasant I settle beeze from North to I by E. Barreneter rising at 9, 15 signalled Intergrating 8455, which was asserted by Archand with 904. Event and to a builting at 9 30 mustered only at Braiters at 9 35 made signal Intercogniting and burning them, and securious with 40 4. Execused apprehiment with and securious them in separation with the audi According to be burning them in parameter with the audi According to be burning them in parameter with the second to be a second at the burning them in parameter with the second to be a second at the burning them in the second to be second at the second to be a second to be a second at the second to be a on the order of Communicing Office all Fellowine (Ear) was released from confinement and restrict to living and released to the confinement and restrict to living and released to the confinement of many grant of France 19° eff.

(Confinements of many agency of France 19° eff. Charge W. F.W.

From Merid. to 4 P.M.

bleav and pleasant. Gentle to moderate breeze from North Charles While Whiter 2 ml day was directed to Sandeman for orestaying leave 3 days and leaving the limits of the status. A oristing party of appendix left the ship for the Francis Gataline Fle accounts of Joe Dorbing 3th chappy were recovered on bread. Banked fire in Boles 4. Direct up bedding to six. By order of Communicating Office to a Declaration Law.

M. J. Coleman Ensign M. J.W.

From 4 to 8 P. M.

Clear and pleasant. Secrete to light beeze from A AM. Barrenter rising. At 4.00 cret being caus alongists - At 5.00 visiting party returned and prized claw harmonds. At 5.00 made regard Interrepetary 6070 which was answered by Air mode with 904. The down wyat yards. Barket free in Britairt.

Loga Welles b.

From 8 P. M. to mist.

Clear and cool. Sentle beege from A. A. M. Denborn (Ede) returned 22 hours southern Banked fires in Biles A.

n. S. Koleman Enign M. J. M.

Examined and found to be correct.

J. B. Milton , Navigaran

LOG of the UNITED STATES Thip Essex Of auchor in the Harbor of Newport R.S.

					WIND.				BAROME	ETER.	TEM	PERAT	URE.			Hear ths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
A. M.	Did	tall	Surrent.											0			
1	0	2	Flord	ON. 9 ON.	1.16.	1-2			30.38	40	39	38		b.	none.	10	
2	0	6	Flack	Ot. A Ot.		1-2			30.89	39	38	37			-	10	1
3	0	1	864.	North		1-2			30.40	38	38	37				10	
4	0	2,				1-2			30.41	38	38	37				10	
5		2			Calm.	0			30.45	38	38	37				10	
6	0	2		Aly E.	N. by E.	1			30.49	38	37	37		b.c.	strat.	9	
		4		1	. 6	1			30.50							9	
	0	5		N.16.	Sorth	1			30.52	36	38	37				9	
9	0	4		North	balm	0			30.53							9	
10	0	2,				0			30.63	40	42	40				9	
11	0	3		N. N. O.	fox.	2			30.53							9	10
Noon.	0	1		Forth		3			30.53	1						9	

Course and distant	ee made good since preceding noon by obser	vations,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ②		0	,	"
	Longitude by chronometer from Forenoon	a Observations of ⊙	. 0	,	,
	(Latitude by		•	,	11
Position at 8 A. M.	Longitude by		0	,	"
				,	"
Position at 8 P. M.	Latitude by Longitude by		0	,	"
Current during the	e time, knots tenths per hour	, setting to the			
Error of the Comp	ass by Azimuth O observed at , sh	nip's head			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0		variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , sh	nip's head	0	1	"
	Compass by Azimuth O observed at	, ship's head	. 0	,	variation used, o
	uring the preceding 24 hours,		4	50	gallons.
Water	during the preceding 24 hot	ars.			
	on hand fit for use at Noon,		. 19	50	
	ring the preceding 24 hours,		tons	1900	b lbs.
Com Consumed du	ing the preceding 14 hours,		0.	-	
Coal remaining on	hand at Noon,		93 " /	50	

P. M.												
			Flord	J. J. W. '	904.	3	30.52 4	2 41	38	be.	cir strak	9.
2	0	2		f.04.		3	30.52 4	5 44	41			9
		3				3	30.52 4	6 45	43	b.	none	10
		3				3	30.52 4	6 45	44			10
		2				3	30.50 4	2 44	41			10
			Plack.			3	30.49 4			be.	eum. stial.	9
7	0	2	abb.	Or est.		3	30.48 4.	2 40	38			9
				JOH.	901. by 01.	3-2	30.48 4					1000
					. 1	3	30.48 4				cir. stral	9
10	0	2	-	N OH. by Dt.		3	30. 48 4					9
11	0	0	Glass Gurnging	Otest.		3.4	30.48 4					9
				04.804.		3.4	30.48 4					9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On.
6 Isav and cold Bright starlight Light airs and berye from N. W.E.
Flack water at 140 Finished swinging to the Elf tide at 2 30 % . Fire banked under

W. Caperton . S. 9.

Fine 4 to 8 a. M.

bleau and pleasant balow and light aris from I by 6. to North Baronete ruing. balled all hands at 500 and began evaluage they with starband wetch at 500. Completed durchaying the lights at 7.30 having received 43 true 1300 lb. of crel. Barbad frie in Balor of.

Roger Weller for Energy On 494

Time 8 a. On. to Merid

Chasent partially cloudy ballow to light are from The Part watch ingaged cooling from a matted enterior Than talks to Community (Law) left steam launch without promise on The following fish province were exceeded or brade in Department of Depoles and Generale reported but, 10614 Dr. regitables, 85 the brade Banked free in Britas 4. I Festimately at a separate about without least By order of Community, Office & Community (Fig.) was declared a descript.

Computation of magazine W. framed, 36: aft.

n. I Cotema Ensign M. & M.

Chee The Street and cold Sentle beened from SW. They reduce to the flood tide Continued certain show from school Cheen Bullet and took in to tous during hatch Time branch under Baile A. D. criting party of appendix some on brand from the W. S. Training Station.

Willaperton, Lieutenant D. J. Dr.

Eine H to 8 9.90 Black and word. Scritte berge from 30. Fleip sering to all title at 7 0 clock. Directly could get the Back of the Back of the Start of the start

M. J. Norman. Energy D. F. W.

From 8 P. m. to mid

Clear and old I suite to moderate breezed from Fol by M. Flack water about 10:30 They swaging to floor tide at each of watch. Fire backed under balon to

W. M. Caperton , Leutenant M. & D.

J. B. Milton, Navigation.

Third Rate,

LOG of the UNITED STATES Phip Essel at anchor in the Harbor of Orewport R. J.

		T	Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	of Clear in 10ths.	e Sea
Honr.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the S
		bal t	surrent.														
A. M	0	2	Flevel.	901.	991. by 94.	3			30.50	45	44	43		law.	none	10	
2	0	2	^	901. by 9.	. /	2			30.50	45	44	43				10	
3	0	2		. 1	gov.	2			30.48	44	44	43				10	
4	0	2			,	2			30.48	44	43	42		"		10	
5	0	1		SO4.		0-1			30.48	40	39	38		bro.	cir.	9	
6	0	2		9.994.		2			30.48	40	39	38		bem.		8	
7	0	0		for.		2			30.49	41	39	38		"		7	
8	Luca	-	tobe.		•	3			30.50	39	40	39				7	
9	0	2	Ell.	NO4. by Ox.		3-4			30.49	39	40	39			eir.	9	
10	0	2		forly or.		3-4			30.48	43	42	40		be.	cir.cum	. 9	
11	0	1		/		3-4			30.46	44	42	40			air	9	
Noon.		45	Glack	\$04.		3-4			30.45	47	45	+3			cir. attal	9	
																1	

Latitude by D. R.	Course and distance made good since preceding noon by observations,	knots. tenths.
Position at Noon: Latitude by D. R. Latitude by observations of © Longitude by chronometer from Forenoon Observations of © Longitude by Position at 8 A. M. Congitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Current of the Compass by Azimuth © observed at ship's head		0 / "
Latitude by chronometer from Forenoon Observations of © Longitude by chronometer from Forenoon Observations of © (Latitude by Position at 8 P. M. Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon,	Longitude by D. R.	0 , "
Congitude by chronometer from Forence Observations of 0 (Latitude by Position at 8 P. M. Latitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Water expended during the preceding 24 hours, Water genedal during the preceding 24 hours, Water remaining on hand fit for use at Noon,	Position at Noon: Latitude by observations of ②	. , "
Position at 8 A. M. { Longitude by	Longitude by chronometer from Forenoon Observations of ②	0 , "
Position at 8 P. M. Longitude by Current during the time. knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head or variation used. Error of the Compass by Azimuth © observed at ship's head or variation used. Error of the Compass by Azimuth © observed at ship's head or variation used. Error of the Compass by Azimuth © observed at ship's head or variation used. Error of the Compass by Azimuth © observed at ship's head or variation used. Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon,	(Latitude by	0 1 11
Position at 8 P. M. { Longitude by	Position at 8 A. M. Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon,		0 1 11
Error of the Compass by Azimuth © observed at ship's head variation used, of the Compass by Azimuth © observed at ship's head variation used, of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation used, of vari	Position at 8 P. M. Longitude by	0 / "
Error of the Compass by Azimuth © observed at ship's head variation used, o beviation of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation used, o variation us	Current during the time, knots tenths per hour, setting to the	, , , , , , , , , , , , , , , , , , , ,
Error of the Compass by Azimuth © observed at ,ship's head	Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,
Error of the Compass by Azimuth © observed at snips nead Deviation of the Compass by Azimuth © observed at ship's head variation used, o	Deviation of the Compass by Azimuth O observed at , ship's head	o variation used, o '
Water expended during the preceding 24 hours, Water during the preceding 24 hours, "" Water remaining on hand fit for use at Noon, "" "" "" "" "" "" "" "" ""	Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Water remaining on hand fit for use at Noon, /500 "	Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, /500 "	Water expended during the preceding 24 hours,	450 gallons.
	Water during the preceding 24 hours,	4
1 tons 11/00 the	Water remaining on hand fit for use at Noon,	
Coal consumed during the preceding 24 hours, 7 tons 77 00 lbs.	Coal consumed during the preceding 24 hours,	/ tons //60 lbs.
Coal remaining on hand at Noon, /66 /230		166 1230 "

P. M.													
1	0	2	Flord	9.901.	fol.	3.4	30.43 4	19	46	43	b.c.	cir. dual	. 7
2	0	21		Pa.		3.4	30.43 4	19	47	44	1.		6
3	0	2				3-4	30.43 4						5
4	0	2		,		3-4	30.42 4	14	45	45		cir cum	3
5	0	2		9.04 by 8.	99. ly 04.	3	30.41 4	13	44	42	1	etral	3
6	0	1		991. by 04.	. 0	3	30.41 4	14	43	42			3
7	0	0	Plack			2-3	30.414	12	42	41		eum.	1
8	0	0		Oh by 8.		2-3	30.414	12	42	41	b.	nere.	10
9	0	4	EH.	. 1		2-3	30.38 4	12	42	41	l.c.	am strak.	9
10		8		CH. St CH.		3-4	30.36 4	12	41	39			9
11	0	6				2-3	30.37 4					cum mil	8
Mid.	0	4		Otest.	,	3	30.34 4						8
1													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sentle to light breen from I'M by M and I'M. Clean and cook. Bright starlight breen den Thip fruited winging to flood at 12.20 First banked under bills A. Geo Rocart Quitanant Quita

From 4 to 8 O. Mr. Gastielly clindy and cool. Salue to quette breef from FD. Oh 7 so brited "Interrogatory 5457". Picknowld replied 904. Oh 7 so croud regal yards and bound rail to a bruthing. Banked fire in Boler A.

M. S. Coleman Eneign Ob. F.W.

From 8 a. Cm. to Preside.

Clean cool and special tenth to moderate besses from 90% Mustered at Quarters as 90. James Feter Ch. Market. Asker uses 6 PM. Market. 1.134, over librate. After quarters the Divisional Offices stationed the appendices at their gene and gave them their diction sto. Of 10.30 called all hands tack ship and mustered the appendices at their electric for this evolution. Ell tile. Flack water at 11.46. Green broken under bother to December on Dept of Ingelie and accounts 36 Un. Isaac, 1071 the equation and 1071 the first leef Imperature of magazine 35 form 6.46. Willaperton.

Linterget V. F. N.

Gentle to moderate breez from FN. Party, cludy and placeart. Plook tide Ot 12 made signal to bickmond "Interrogatory 48 to Richmond andward "Geo. Ot 12 called all hands and fuled sail Received from the Francis Fation 6 ft Barbing 3.0 Stop with bag and hammark Filled tanks with full water from Training Thation. Made preparations for sea, Fire branks under bother to

Gen Rower Leitenent U. 89.

From 4 to 8 PM. Claring last how of water Fight to gutte breeze from Fox by N. Flack water at 7 to and commenced to every to the ell tide at 7 25. Fine banked water love 4.

W. M. Caperton . J. M. .

Eine & Pro. to Prid. Light to medicate beign from Feb. by Mr. Fair and cold, Starlight night Tedwig acrae which and tide. This brukel under broke Fr.

Lieutenant Pl & M.

LOG of the UNITED STATES Thip Essex There We anchor in the Harbor of George R. D. and making passage to Charleston & C.

				0 ,				V		0						-	-
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	oe Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S
A. M.	sid	el cu	ment	_0	A. . A									0	eum	,	
1	0	2	EH	Forth	99. by 24.	3			30.34	42	41	40		b.c.	ain's stra	4	
2	0	2,	Flord	801. by 9.	. "	3			30.84	42	41	40		"		3	
3	0	2		9.981.		3			30.34	42	41	40		"	cir stret	9	
4	0	2		901. ly 9.		3			30.84	42	42	41				9	
5	0	2		7	F94.	2			30.04	41	41	40		b.c.m.	"	7	
6	0	2		Step.	Par. l. ar.	2-3			30.84	42	42	41				6	
7	0	0			del.	2			30.36	41	41	41		.,		5	
8	0	0	9	mama		2			30.36	44	42	41				5	
9	0	0	Ell	NE	fall of	2			30.40	47	47	46		,		7	
10	0	2		NOW by Ni	90%.	3			30.40		1			b	none	10	
11	2	0	Stand	ing out of Harbon		4			30.38	44	45	44				10	
Noon.	5	0		0 0		3	3	0	30.86	42	43	42				10	
						100											

7 0 Dietame new by Patent Log

Course and distance made good since preceding noon by observations,

(Latitude by D. R. brange Longitude by D. R. Position at Noon:

Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by Longitude by

Position at 8 P. M. {Latitude by D. C. Longitude by Churumeter from 4 P. M. Obs.

Current during the time, 8 knots Error of the Compass by Azimuth O observed at

Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours,

Water received during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

410 23' 40" St. 7102015" %.

400 59 " N. 700201 " 01.

N. 34 º 6.

variation used,

variation used.

400 gallons.

1700

2800 2 tons 160 lbs.

164 - 1070 "

PM				Conses steered												1.33
1	6	8	34.4	96. h. g.	for.	3-4	3	1/2 30.31	1 42	44	36	36	b.c.m.	cir. strak	. 9	9.
			46.5	96.148.		3-4	3	1/2 30.2	8 42	43	36	36			9	
				98:128.	999	3-4	4	1/2 30.2	6 42	43	36	36			9.	
			58.5			3-4	4	1/2 30.2	5-42	43	36	36			9	
				46.		4	4									
			70.0			4	4	1/2 30.21								
			76.2			4	4	1/2 30.21	1 43	43	42	27		4	9	4
8	5	4	81.6	96. by 6./26.	9. by 24.	4	3	1/2 30.21						,		
9	4	9	86.6	Of est.		3.4	4	1/2 30.24	1 43	43	42	37		-	9	
				O4.12 N.		3	4	1/2 30.25	- 43	43	42	36	b.m.w.	nine	10	
						3.4	5	1/2 30.23	43	43	42	36			10	-
			100.2	Ch. 14 S.		3-4	6	1/2 30.23						-	10	
1																

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Fair to clear Isentle bress from FOH by M. This riding to flood tide from about 10 clock. Banked frie under Briles "A".

From 4 to 8 a. CM.

She Level Old S. A. She She and cool. Light to gently beggy from Fol and Fol by al.

Flack water at 7.30 a. Dr. Swinging to elf at 8 o'clock. Started frie under boiler 6 at 4 o'clock. Made preparations for sea. Sins banked under boiler and appeal under boiler & at end of water.

W. D. Caperton.

From 8 a. On to Orenico.

Light to moderate breeze from F. H. by F. and P. D. Blear and pleasant. Farited steam cutter at 900 and at 950 meetred division at 950 meetred. Jas. Octorson Bh. On at a. new declared a straggler from Pavole r.d. W 10. 25 called "all hause up accles" One had with the engine at 10.55 ceres from the first and Ital and W. A. 11.50 made all plain and cute to injust engine weet for and wise to find the first and wises to produce to the and W. A. 11.50 made all plain and F. F. The Grand finish of the first lend of F. The Grand finish of the Comment of the first land. F. The Comment of the first land of the first la

Exitle to moderate breeze from FM and FFM. Blear and cool hazy horizon A 10 clock uncompled propellor, banked frie under bother of and allowed other free to die wit. At 150 changed course from FM and by to 95 by of by order of Commanding Officer. Sourced another stand est manipul at 3 FM. At end of watch chip by the wind, under all earl every main togenest staysail. Indeed of No Manu Land in eight me panil alaft the braw at end of watch, distant almit 8 miles. Patent log 58 5 hurts. Instincted appointed at steering and lead of running gear from 130 to 3.30.

Grow 4 to 8 9.90.

Clear and pleasant. Moderate brezy from F. Feb. Baronets atrady. The amorth. Guder all plain sail to engale, with migre togenest stayab until 6.00 when called all hands and took a single reef in togenest fulled egale and flying jet and and and conservations. Included at 600 in 20 fathouse at 6.30 in 24 fathouse: and a 7.00, 7.10, 7.30 and 8.00 in 20 fathouse, bottom white sand and black appelles. Banked free in bottom. A. Distilling.

Roger Civelles. M. Second 8 9.90. to mid.

Steam 8 9.90. to mid.

Steam and damp Gentle to moderate brew from F. by W. at 8.45 now chip and brought her by which me port tack heading West. Patient by anding 85.1. Handed down meigen topmark etaquail at end of watch under jet for topmark stayeail, eniglo regal topeacle concer topgellant rack, main tryrail and aparker handing W. 4. Set to the sounding 18 forthere you and Faith Faith Fred Line 36 by F. Dies lanked in bolo 4. Dietiling A 8. 30 took counding 18 forthere you and Faith The East Light No. Eat. 41° 06 V. Long 70° 20° W. Examined and found to be correct.

N. D. Orman

* at 8.25 eighter Gonkety Head Sight braving No. by 6. at 9.10 lost Sankaty Head light braining 6. No. J. No. illow. Savigator. Lieutenant & G. Ph.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
А. М.	65	2															
1	4	8	5.0	Q1:14 S.	9.901.	3.4	4	1/2	30.16	44	45	44	36	6.0.m.w.	Cum strak	18	9.
2	5	4	10.7	Q4.3/4 N.		4-5-	5-	1/2	30.12	46	46	44	36	"	cir muit.	4	6.
3	6	3	17.0		,	4-5	5	1/2	30.08	46	46	45	-36		.,	2	
4	5	1	22.6	Ot. by A.		4	5	1/2	30.06	44	45	+4	36		.,	2	
5	3 0	4	26.0	980.146		3.4	5		36.08						"	2	A
6	5	~	32.2	98.3/48.	f. W.	4	4								cum moit	. 0	"
7	5	5	37.7	1 14 0		4	4	1/2	30.10	46	44	43	39	b.c.on.p.	test amil	1	"
8	5	4	43.1			4	5	1/2	30.10	44	44	43	86	b.c.m.		3	
9	4		47.4			4	3		30.13						etrat.	3	
10	5		53.0	de late		4	3		30.13						eir etiat	7	
11				\$6. by 9.		4	3		30.13							8	
Noon.		7 8	58.7		JOH. by 94.	3	3		30.14							9	

	129.1	Dictance run by Patent bry	
	Course and distance	e made good since preceding noon by observations, \$4126.	62 knots. tenths.
		Latitude by D. R.	40 °35' ".M.
	n	Longitude by D. R.	70 °31' " %
	Position at Noon:	Latitude by observations of ①	40 ° 33 ′ ″ Nr.
		Longitude by chronometer from Forenoon Observations of ⊙	70 0 29 ' " %.
		Latitude by D. R. from 8.30 P. M. March 6.	40°50' " N.
	Position at 8 A. M.	Latitude by D.R. from 8.30 P.M. March 6. Longitude by Observation	70° 47' "%.
			40° 16' " St.
*	Position at 8 P. M.	Longitude by Cherenater from 4 P.M. observation	70004" " %.
	Current during the	Latitude by S. R. Longitude by Clevernates from 4 P.M. observation time, 2 knots tenths per floor, selting to the F. 3426	
		ss by Azimuth ⊙ observed at , ship's head	0 ,
	Deviation of the Co	mpass by Azimuth © observed at , ship's head	o ' variation used, o '
	Error of the Compa	ss by Azimuth o observed at 40.9%, ship's head 96 by 9.	19°24' " W.
		ompass by Azimuth O observed at 409%, ship's head "	19°24' W. 2°30 6 variation used, 12°00'94.
	Water expended du	ring the preceding 24 hours,	350 gallons.

during the preceding 24 hours, 2450 Water remaining on hand fit for use at Noon, / tons 200 lbs. Coal consumed during the preceding 24 hours, 163" 870

Coal remaining on hand at Noon,

						T									1			
P. M.														PRIM				
1	4	1	67.6	96. by 9.	991. ly 04.	3	3	1/2	30.16	46	49	47	42	b.	nou.	10	9.	
			72.2	. 0		3	3	1/2	30.16	46	49	44	42					
			76.9			-	3		30.16						cir steal	9		
			80.1		1	2.3	3		30.15							9		
			83.4	*		2-3	0		30.09						cum strak			
			85.2			3-2	0		30.08							7	,	
			86.0			2-1			30.08							9		
			86.1			1			30.08						now	10		
9	0	6	Harled in.			0-1	3							b.w.		10	4	
						1	3		30.10							10		
				98.		1	3								cir. strat	9		
				A. E. ly 9.		1	3	1/2	30.10	46	46	45	42	bie.w.		8		
				9														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Elean cold and damp frish how; clowly and threatening remainder of watch. This by the wind under top allow sails, enigh reefed top sails, course, jet for top watch main tupsail and spanker. Once banked under briles "A" and detalling. The closepy.

From 4 to 8 a. m.

W.B. aperton. URC. Lieutewant U. S. N.

Sente to moderate breeze from I. Ash. and I Oh. Occease with passing name showers during greater from of watch, cleaning weather last home. Overdenate are. I on ahip between 4.35 and 4.50 bringing by the wind no starband tack. I all as in preceding watch, until 7.45 when shown need who for topical. Once banked under briles I. and dieteling.

Plo Lieutenant ON. J.M.

Hazy housen blear Textle to moderate breeze from FO. and FO. by N. At 9.30 mustered at Quarter. Instructed appendix as for notional A. 8.30 shorth reef and of main topical. Ot 10.30 crossed rayal yarde and set explicand that took one reef in the mainsail A. It seed of watch ahip on her course Fo. by I under all plans sail with single reef in manuscal. Banked frie under botter A. Distilling Engineer Department suggested in chaning belove Emperation of magginish Found, 37 of.

Electement D. A. W. Level and pleasant beath breeze from Sh by W. Baroneter steady. Victorited the appointer of the victorited of the running regging. Ander all plans sail to enjole with one need in manusail, on course 46 by 3 (pc). Banked from work I have distributed Engineer Text engaged in cleaning before By Mrs of the Commanding Office the Toymaeter was authorized to see your countries from the date.

The set of the Committee of the Commander of the Commander of the Section of the Committee of the Section of the Committee of the Section of the Committee of

Partially cloudy and pleasant. Sentle breeze from I I by It to calm. It 5 00 trock angle net in topsails, furthe wysle and sent daw royal yards. Fighted a steamer, heading to that and Northward. It ends of watch under jet, for topmast stayons, foreast, simple wifed topsails and manning topgallant will main tupsall and expander, on crues I. by I. Banked fire in boter I. Figged distilling at 6.00.

June 8 P. M. to Mid

n. J. Colman Ensign W. F. M.

Clear, cool and very damp. Eight air from Al by & Course & by & (gr.) This by the wind me starbard tack, under topgallant airly suight respect typeally, forwail surgle respect on amount, jit for topmark stargail, main trysail and espanler took in main trysail at 10 o'clock. A large stemmer passed close about under our stard, brund to the Edwalm q P.M. This banked under biler &.

W.M. aperton. Lieutewant U. J. M.

From 8 a. In to merid.

(1) 1 of Div. Fetting up execuse; 2nd Div: Small arms; 3nd Div. Pictole: 4 th Div. Ragid Fix Guns and Powder Div: Ragid Fix Gues from 9.35 to 10.30. (2) To relieve back draft in fix room.

Examined and found to be correct,

Durull Lieutenant Ch. J. M.

Lieutenaut & J. Dr.

LOG of the UNITED STATES

of the UNITED STATES Thip Essex Third Rate, Making passage from Overport R. D. to Charleston, Fb. Direction by Standard Compass. A. M. 25 9. by 6. 146. Ok. by 8. bew. circu 0 30.12 47 46 45 42 0 0 0 30.13 47 46 45 42 2 6 0 0 0 30.14 47-46 45 42 4 0-1 9.126. 30.14 47 46 45 42 4 5 9.96 0 30.05 47 46 45 42 b.c. 104. 5 96. ly 9. 0 30.04 46 45 44 42 1. 56 04 0 0 30.04 45 45 44 42 NE. by 6. 0 0 30.04 45 45 44 42 8 0 6. 16. 1 30.04 46 45 45 42 9 86.1 0 0 30.0446 45 45 42 86.4 NE. 5 0 1.16. 0 30.04 46 45 45 42 0 11 0 0 30.04 48 44 46 43 5 84.5

35. 6 Dita	uce run by Patout Sig.	
	te made good since preceding noon by observations, \$\frac{1}{2} 42 \frac{1}{6} \end{a}	45 knots. tenths.
	(Latitude by D. R.	40°03' " N.
	Longitude by D. R.	69°48' "%.
Position at Noon:	Latitude by observations of ②	40°00' "N.
	Longitude by chronometer from Forenoon Observations of ⊙	69° 50' " W .
	(Latitude by D.Q.	40°07' " N.
Position at 8 A. M.	Longitude by Observation	69054' " %.
Position at 8 P. M.	Longitude by blum outer Lan Com obserant in O	69°29' " W.
Current during the	Latitude by S.R. from Som position Longitude by Eliconometer from 4 P.M. observation of etime, 3/2, knots tenths per hour, setting to the F.40.	34.
	ass by Azimuth o observed at 80.9%., ship's head 96. h 9.	10° 58' %.
	ompass by Azimuth ⊙ observed at & Q. 9%, , ship's head \$5. 6, \$.	0 48 W. variation used, 12 00 W.
	ass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth @ observed at , ship's head	o variation used,
Water expended de	uring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	"
Water remaining of	on hand fit for use at Noon,	2/00 "
Coal consumed dur	ring the preceding 24 hours,	tons /520 lbs.
Coal remaining on		162 " 1590 "

P. M.									1								
1	1	0	88.5	86. by 9.	A. Jr &.	18	2	0	30.09	49	51	50	49	b.c.	our etial	.8	9.
2	2	8	91.3			3	2		30.10								
3	4	4	95.7			3	2		30 .10						cir. etal	9	
4	2	0	96.4			3-4	2	0	30./0	49	52	50	49			9	"
			99.6			3.4	2							.,	cum.	9	",
			4.7			3.4	3		30.11						um etat.	9	
		9				3-4			30.12							9	.,
		0	15.6			3.4								b.c.l.		9	
	5		21.2		18.	4	1-5	0	30.11	49	48	47	88	b.h.w.	rine.	10	
10	5	6	26.8						30.09							10	"
11			31.9		18 by 6.				30.09					b.ev.		10	"
Mid.	4	3	36.2						30.09					6.		10	

Hercell

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a.m. Sight airs from the by I and calme Partly Londy, with beau dew. I morth son Turk in sepanters at 12.10 and the manifold at 3.50. By the wind in stailrand tack. Freier backed under briler of.

George Guiteward W. J. W. Jum 4 to 8 a. On. Cloudy to fair Eight aire from N. 91. to NE by E. At 5.16 abort reefe not of topicalle and at 4 9.45 the wather clear Course FE by F. ale and at 7.45 the wather clear Course FE by F. ale and of totalle ship under plane sail to topgallant sail a except man topical. Branked

frier under boiler A.

From 8 a. On. to Merid Lieutenant Q. 8.8. Elevely but pleasant. Fight are from ENE to N. N. E. Barenter strady. At 9 30 mustered at quarters. At 9.40 called all hands shorter earl and bring ship to anchor. Fork in all said and fulled all equal said. At 10.30 made said to enjale. At 10.57 elevely at man orallocal banks up must and came to with hand calle about the world life book picket up long, hinted book and filled area by 11.08. At out of water under all their said to explay with weeft manually me crue \$6. by I. (p.c.) Banked frie in Birler A. Changewater of magazine 36 forward 38 2 aft.

Roger Welle J. .. Eurige & A. W. Dum Merid to 4 P.M. Changer of rate was made by order of Lannanding Officer. The French from I see The following changer of rate was made by order of Lannanding Officer. The French from French to Lantemarks 3th chart with acting appointment as such from Get. 17. 1894; from F. Vicholam from French to Case, and a Case, with acting appointment as such from Get. 27. 1894; from F. Lycel from French Livenam 1st class to Truman 1st class from Fix! 18. 1894. Easy to the from French from French and acting appointment as such from Parach 3. 1894. It is Pro. Lated evaporator. Instituted appointment of watch in lead of grant and frecathered of watch in lead of grant and frecathered questions of watch in lead of years and frecathered alignments with lead of s 330 called all hands tack alight twee guit appointment and tacked alight twee. As sud of watch engaged in tacking alignment all plane each to ergle, Ensure

n. J. Coliman From 4 to 8 J. M. Clear and cord. Sentle to mordinate breyer from 4. N.E. Eightning to the Fit. and Web. last law of watch. Timiled tacking and working skip at 4. 20 Pm. and recursing to be I. (pc) under all plane and repel and one region mausial. Of 5.40 called all hands us to travail and down royal garder finished the whitis in 17 minutes. Passed a steamer standing to the Id and Id. Temperature of sea water new 12 during the watch. Barenter weing Price backed under Balish and evaporating for aligh were.

Luitevent V. J. R. From 8 P. M. to Mid. Moderate to quite bery from N.E. and N.E. by E. Clear and cool, with heavy dev Lightning to I'd and Ohl frish two hours. Bught stralight. Under foreail, single wife together and maineaut, together acide for together tayout, jet and apendor. These banked under bother I. Evaporating for elegis were.

96. by 9. Banked fire in boiler A.

9. Kbenn Reg Laistenant & J. W. J. B. Milton Seitewart V. J. W.

W.B. aperton

of the UNITED STATES Phip Essex The Phaking passage from Occupant, R.D. to Charleston, S.C. Height ther. att/d. Heigh Ballb. Weter at Sorface at American Surface at American Surf Direction by Standard 96. by 9. 0 30.14 49 48 4654 b.c.l. 6.16. 9 3 1-5 3 40.5 b. 1-5 0 30.14 49 49 47 49 2 45.7 5

NE. by 6. 1-5 1 50.8 4 0 30.14 49 49 47 46 & NE. 0 30.14 49 47 46 44 strat. 3.4 3 548 16. ly 6. 3 0 30.14 50 47 46 59 59.5 3-4 4 0 30.13 49 48 47 52 5 2 69.8 4 0 30.13 49 48 47 55 0 30.14 51 49 48 52 10 3.4 5 5 0 74.8 10 14. 80.4 3.4 5 14 30.18 49 49 48 50 4 5 10 5 3 85.7 14 30.18 49 49 47 50 10 6.16. 10 .. 4 6 11 6 3 91.2 14 30.19 50 50 48 54 1/2 30.20 50 50 49 54 10 .. 6. by 1. Noon. 2 98.2

111. 6 Distance run by Patent Log.

Course and distance made good since preceding noon by observations, 934 6. Latitude by D. R.

Longitude by D. R. Position at Noon:

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R.

Longitude by Observation

Position at 8 P. M. Latitude by D. R. from now pointing by Observation Longitude by Chimeter from 4 P.M. Observation o

Current during the time, 3/ knots tenths per hour, setting to the 99 -6. Constant of the Compass by Azimuth O observed at 80. %, ship's head 96. ly 9.

Deviation of the Compass by Azimuth O observed at 80 %, ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at

Deviation of the Compass by Azimuth ⊙ observed at

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

/35 knots. tenths

38 · 40 · St. "

68 0 17 .04. " 38 009 W. "

68011 94 "

38 ° 58 ' N. "

68030'94." 37041 N."

67 032 94. "

10° 59' W.

variation used, 10° 00' 94 035 €

variation used,

300 gallons

500

2300

1 tons 160

161 " 1430 "

P. M.			100000										A.in		
1	5	6	3.8	9.96.3/46.	6. by N.	4.5 2.7	1/2 30.21	51	51	49	52	b.c.	cir strat.	. 8	4.
2	5	8	9.6	96. by 9.			1/2 30.18			1					
		6	15.2	98 3/4 9.			1/2 30.16								
4	4	0	19.2	98.149.	6.16.		1/2 30.14								
5	3	9	23.1	98.			3/4 30.15					,	cir strat		
6	3	6	26.7	98.3/49.		4.5-4-10	3/4 30.15	58	57	55	71				
7	4	0	30.7	98. ly 9.		4 5-10	3/4 30.15	60	58	56	72				
8	3	y	34.4				3/4 30.15								
9	2	4	36.8	9.9.6.3/46.			1/2 30.20							8	
10	2	3	39.1	4.96.	6. by 1.	3 4-10						"		8	"
			40.4	Ply 6.126.	East.	3 2.8								6	8
			41.8	f. 3/4 6.		2 2.8								6	

, ship's head

Koger Wellup.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. m. bleau Gentle to moderate breef from E. N.E. and N.E. ly E. Lightning to Fd. during friet how Conner FE. by F. all plain sail (everyt main trypail) to topgallant sails one eligib reflet trypails; evigle ref in maineal. Bright starlight. Brye et well all the water Everything for shifts we. Banked free weder like A. Semperature of water lablic results. falling rapidly.

Durall June 4 to 8 9.9%. Leeutenant & . P. M. Cluder all plain sail to toppellant saile with a single seef in maniail and topsaile . Of 30 whose set out of topsaile . On such self we maniail and topsaile . On saile with a single seef in maniail and topsaile . On shipe whose set of topsaile . On case 45. by 9. (ye) Boye at which during with Evaporating for shipe me. Branked frew under birles A.

Eurign U. J. W. From 8 a. m. to merid Commentered at Quarter and pleasant. Sently to moderate bury from N.E. by E. to E. by N. Arg 30 mustered at Quarter Grow 10 to 11.0 had untruction for watch or deck in what lead and log and lead of gour Al & To art engls and flying jet. At 8.36 est man trypall. At watch under all plain earl to regels with main trypail single records or the manifest of E. by T. Tetal magnety flood cocks and draws dud found them in working order Banked five in both A Evaporating for slope were Temperature of ask water rueing. Comperature of magazines 36 forward 38 aft.

Gauge M. J. W. From Merid to 4 9.90 The temperature of an water was 15° between 2 and 30 clock and the can bearn rough and choppy, change that the Sulf Iteam had been entered Instructed the appendices of the watch from 150 to 250 On the foresthere at having the had making same the for and main tymen at knothing and ephining and the foresthere at he will claim the had making the los appendix at the what knothing and ephining and the water at the what changed to the other than the water the had been able to the court of the water than and a plain sail to exply in the ends of in maintail at took in make tryad. It is to took in rapid and repailed to the top allow the part of the ends of the took in the court and and top allow typically a to took in top allow the acceptance and and top allow top and the top allow the court of the try allow the top allow the court and the indused 5° returns of the try to the law top allow the court of the try allows the court of the try and to include 5° returns to the try allows the try and to include 5° returns to the try allows the try and to include 5° returns to the try allows the try and to include 5° returns to the try allows the try and to include 5° returns to the try and try and the try and try gitel 11. Frie banked under boiler it. Evaporating.

Leitenant & & &. Chem 4 to 8 P. Mu Fall to medicate bein from 6 46 blear and pleasant From shrining last how. Chopper rea mediating transit ends of watch Pound though were poteless of kulf wed This villing early appearance at the while. Five banked under biles 4. Engineering. Bull and by my or tack Sail as at und of presting

Geo. R. Creat V. Ja. From 80 m. to mid Clear Fight to moderate breeze from Each to E. N.E. Choppy are friet part. appendice at the wheel . Bries backed under briles A. Evaporating. Full and by ; from tack. Concer F. (p.c.) Fail came as greening with

Examined and found to be correct.

Purcell Leintenant W. I.W.

Willaperlow,

Lieutenant W. S.W. Navigator.

UNITED STATES Phip Essex Third Rate, Chaking passage from new port Q. I. to Charleston S.C.

				0 0	10		V										
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.		Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	ion by Standard Compass.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.															. ,	/	
1	43	2	42.9	9.146.	6. h 9.	2.3	0	1/2	30.19	62	60	57	68	b.c.l.	cum.	7	S.
2	1	5	43.9	9. ly of.	€.9€.	2-3	0	1/2	30.18	63	60	57	68	"		6	
3	1	0	44.5	996 by 9.	86.	2	0		30.17					"	cure raid	4.4	
4	0	5	44.5	. 1		1-2	0		30.16					"	strat.	5	"
5	2	0	44.6	9. hy 94. 1/2 94.	6. ly 8.	1-2	0	1/2	30.15	63	60	57	67	b.c.	.,	4	ď.
6	0	5-	44.6	9.0 h W.	.0	0.1	0	1/2	30.15	63	60	57	67			4	"
7	0	5	44.6	Inith	East	0-1	0	1/2	30.15	63	60	57	68			3	"
8	1	0	44.6	9.96	E. by N.	1	0	1/2	30.18	63	61	57	68		air.cum	.3	
9	,	4	45.0	96. by 9.	. 0	1	2-4	3/4	30.18	65	62	57	69		strat.	3	L.
10	1	5	46.5	Sirvah		1-2	2-5	3/4	30.18	65	64	60	69			3	
11	5	0	51.5	9.9%.	96. by 6.	2.3	2-5	3/4	30.20	65	64	60	67		cir.cum	1	
Noon.	5	4	56.9		0	3	2-5	1/2	30.22	-65	64	60	67	2.3"		1	

67. 1 Distance num by Patent Sog.
Course and distance made good since preceding noon by observations, 9.4326. Latitude by D. R.

Longitude by D. R. Position at Noon: Latitude by observations of ①

Longitude by chronometer from Forenoon Observations of ②

Position at 8 A. M. Latitude by D.R. from Nome Longitude by Observation

Position at 8 P. M. Latitude by G. R. furni Name

Longitude by Christmeter from afternmy observation

Current during the time, 35 knots tenths position, setting to the Fyze 6

Throft of the Compass by Azimuth @ observed at 80, %, ship's head 9.96. 26. Deviation of the Compass by Azimuth \odot observed at 80.%., ship's head ...

Deviation of the Compass by Azimuth ⊙ observed at , ship's head

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

tenths. 95 knots.

37 º 12' A. " 67 0 32 . 94. " 37 001 . "

66 0 50 '04."

37 º 14 ' N."

66 0 47 94." 36 º 28' N."

660 50 91. "

11 23 %.

1017 6. variation used, /2000 %.

1100 '04."

0°20'6. variation used, 12,000 '%.

300 gallons.

700

2700 tons 2080 lbs

160 " 1590 "

										•							
P. M.	5	5	62.4	9.991.	86. ly 6.	14	2.7	1/2 30	0 .2 2	65-	64	61	68	b.c.	cum.	4	9.
			67.5	"	,			1/2 3									
			72.2	9. by 04. 12. 04.				1/2 30									
			77.0	\$103/404.	6.96.		2-6								cir cum.	6	.,
5	4	9	81.9	South	6. by 9.		2.7	1/2 3					1		cui stal	4	
6	3	7	85.6	9 ly 6.	East.		2.7							"	4		
			88.0	8lz 6. 1/4 6.	E. by N.			1/2 30									100
			90.0	4.98	1		1-6										
			92.5	9. 98:148			2.8	1/2 30							cir cum.		
			95.9		"		2.6	1/2 30							.,	-	
			99.3		**			1/2 30							"		
			102.6	9.6. by 9.	6.16.	4	2-6	1/2 30	-23	65	63	59	69				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clendy but pleasant, lightning in 99 horizon Gentle been to light air from 6 by 9 to 46 Baroneter falling Queder double refet topsails, foreail, respect maintail, jet for topsail stancard and aparter on fart tack steining consession, 9 14 6 to 50 by 9 last two hour Enaphating for ship were Barked free in both 4.

Dum 4 to 8 a. M. .

Ensign Qu III.

Ely I. to 6 by I. at 6 30 about nefer only of topsails. At such of watch under jet four topwark staypaid, forest, enable nefer manuscul, topsaid and spaulier, heading II. C. clar hauled on part tack. Ensperating for shape wer. Banked fire in bother 4.

From 8 a. C. M. to Menid.

Solvey and pleasant weather Light airs to gently breeze from E. by N. hawling to 8 E. by E. hawling to 8 E. by E. hawling full and by m the port tack. At \$ 30 eech up top gallast and enjal raids and enjal raids and enjal raids and enjal raids and flying jit; fruiting at 9.10. at 10 eech to quarter. had bog inepetion and more cotting requirities: fruitid & 1110 a. M. Long enell from Old, and Ed. This rolling raish. No Aridian altitude on avonut of cloudy wrather. These landed under it. Evaporating. Demputicus of magazinis 41 forward 44 of.

The Merid to 4990.

The Construction of apprentices in maintail.

Con watch of apprentices inchanged of thing appentices at the whole This banket under birler is Engerating.

Dum 4 to 8 9 m. Sently to mederate breey from 6. by 8. to 6. by 4. Blav. Involve seen Field and by bound of (90).

Some 96 (90) At 5.30 with both waterless on other took in and found mysle and toposlant salls. houled down flying jit, took two single negs in toposals and sent down loyel yards by 5.48. At 5.60 ast main trypail. At ends of water wider jit, for toposals and sent down loyel yards by 5.48. At 5.60 ast main trypail. At ends of water wider jit, for toposals at the while Free banked under toposals. A Evaporating.

A Evaporating.

Drow & P. Ch. to Mich. Livetuant. Producte breys from E. by N. to E. N. E. Brawnette riving. Plade double regal topsall, forward regal rand expender on port tack making anne J. F. L. L. E. first three hours and J. E. last how of watch norm set at about 9.30. At 8.10 stopped evaporating and allowed free to die with in lines A.

Roger Welles Jr.

Examined and found to be correct.

J. B. Me illon Sex. Navigator.

	(/	rac	ning	passage of	com verigo	ירוט,	00.	<u> </u>	10	on	uu	usi	m	0.0.			
			Reading		wind.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear)ths.	e Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	46	0															
	3		4.3	96. by 9.	6.NE.	4	2.7	1/4	30.24	4 63	62	28	69	b.c.	cum strat	.9	8
2	2	0	5.5			3	2-7	./4	30.25	63	62	59	68		"	8	"
3	1	7	7.2	9.96.126.		3	2-9	1/4	30.26	63	62	59	68			8	
4	2	0	9.1			3	2-9	.4	30.27	63	62	59	68	,	-	7	
5	2	3	11.4	86. by 9.			3	3/4	30.24	63	62	58	68		"	4	2
			14.4	. 1				3/4	30.23	63	62	28	68		cit cum	4	
			17.6	9.96./26.	6. by N.	3			30.23							4	
			21.7		·	3	4	3/4	30.25	63	62	59	68	-		5	
			25.9	9/2 6.	E. ly 9.	3-4	0-11		30.23						cum.	9	8
			29.8	9/401.		3.4	0-11	,	30.30							8	
				9/294	6.96.		0-10	,	30.33							9	
			100	93/474.		1 .	0-10									9	-
			33.6			1 .			30.33								

83.2 Dista	auce new by Patent Log	
Course and distance	re made good since preceding noon by observations, 9/12 6.	//4 knots. tenths.
	Latitude by D. R.	35- °44' N. "
	Longitude by D. R.	66 025'94."
Position at Noon:	Latitude by observations of ②	35 °09' N."
	Longitude by chronometer from Forenoon Observations of ②	66 0 19 94."
	(Latitude by D. R. fum Nom	35 ° 20' N. "
Position at 8 A. M.	(Latitude by D.R. from Norm (Longitude by observation 0	66 020 194. "
	(Latitude by D.R. furw Nown.	34 ° 53 'N. "
Position at 8 P. M.	Longitude by Chimometer from afternoon observation	10 66 · 19 94. "
Current during the	(Latitude by S.R. fund Noon. Longitude by Chimometer from afternoon obscuration etime, 15 knots tenths perhaps, setting to the 91,26	
Error of the Compa	ass by Azimuth ⊙ observed at 80.9%, ship's head Smth	10° 00' 04.
Deviation of the Co	ompass by Azimuth O observed at 80, 90, ship's head	1 ° 28' %. variation used, 9 °00 '%.
Error of the Compa	ass by Azimuth © observed at , ship's head	0 1 11
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	nring the preceding 24 hours,	300 gallons.
Water distil	lled) during the preceding 24 hours,	400 "
Water remaining of	on hand fit for use at Noon,	2800 "
Coal consumed dur	ring the preceding 24 hours,	tons /040 lbs.
Coal remaining on	hand at Noon,	165. 50 "

P. M.																
1	3	7	41.3	9 3/4 W.	6.96.	3.4	2-10	1/2 30-3	0 66	66	63	70	bc.	cis. cum.	8	2.
			45.4					1/2 303								
			47.4	9./2 6.	8. ly 9.			1/2 30.3						atist.		
			48.8		/	1-21	5-11	1/2 30.3	0 66	69	64	71				
			Carled in.	9.9%.				3/430.2						ciricum.	4	
		0			98. ly 8.			3/4 30.2						cum mak		
		8						3/430.2						curw.		
		8						3/430.2								
	1			901. ly 9.	9 6.			12 30.2							4 .	s.M.
		2		f. Fo. 1/2 04.				1/2 30.2						our steel		
		0				2-3	0	1/2 30.2	y 65	-65	-61	70.	.,	,	8	
Mid.			-			1-2	0	1/2 30.2	y 65-	65	61	70			7	
								12	/						1	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 40. M. Fartially cloudy and pleasant: bright starlight Sentle to moderate breeze from E. N.E. Baronten ning alongly. At end of watch cloudy jet, for topenest starpail, foresail, foresail singly reefed medically double refed toposally main tripail and aparking close having on jord tack, leading 9. 9 E. 1/2 E. Burer 9E. Phip willing convolicitly to moderate and from Eastward. Pradimin wold 10° to leavand.

Deone 4 to 8 a Mr. Europe W. Fight to gentle brew from E. N. E. harling to E by N. Long surell from N. E. Extreme will of alies to undersaid 32 and to leward 11. Comm & G. Co. Taling full and by m port tack. At 6.30 turned the rue of the topsails crossed royal gards, turned the ref wh of manual and made all plans is it to regard.

From 8 a On to Oncide.

The objection of While and being from 6. by 8. and 6. 86. Clear and pleasant. Amorth era. Passed everel patcher of While alat how. as 9.80 had directed inepection and at 9.46 with to quarter when Commanding Officer inepected cure and ship afternade called all bands to muster and stade attacks for the latter to command of the Bang; aprial circular bo. 13, and decide bout Martine and Natural Conference of the Martine and surface and the manisail to pushed bout Martine and by on your tark, under all plane sail to regal a surface and main tripial everythe a single refer the manisail to pushed the manuscial all present or accounted for at Sureal matter Commander of managements of formal so the

Diens Phenol to 4 9 M. Sixternanh Ql. F. R. Sixtern

French & to 8 P. M. Leitenant & Eight air and berye from \$6. by 6. B aventer steady. Long Estaly aurel. at 5.30 called both watcher, fueld wyals and topgallant early and took two series well in the topgails. Find down wyals yade. appentices under instruction at while. At end of watch under duthe resided topacle and jil, on few tacks, making \$9.9 M. (pc).

Orom 8 P. M. to Mid.

Christy and pleasant. Bught starlight. Gentle breeze to light aire Jam 96. Nome ast at 10 . 20. Ship willing brainly to moderate every from East; maximum will 1/2 starlound and 12 port.

Of 9 o chilo art spanker and main trypail. At end of watch under job double respect topsails, main trypail and aparters; charless on spanker. Charless on spanker.

J. B. Moilton, Navigator Suitmont W. J. Ok.

Energy U. I.

of the UNITED STATES Thip Essex Third Rate, Making passage from Viewport, Q.D. to Charleston S.C.

				0 0	U U			_	_	-					-		-
			Reading		WIND,				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	f Clear 10ths.	be Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
A. M.	19	8	Hauled in	991.3/4 84.	F. 86.	2	2-5	3/4	30.27	65	64	61	70	·b.c.	air street.	9	2.
2	1	0		991. Ly.24.		2	2-5		30.26						"	9	"
3	1	0				1-2	2.7	3/4	30.26	65	-64	61	70			9	"
4	0	6				1	2-7	1	30.26							9	1
5	0	5		04.901.1204.	Since 1	1	0-7		30.25						cir.eum	8	8
6	1	0		91.991.	9 by 6.	1	0-5-		30.25							8	
7	,	5	48.9	04.801.1201.		1-2	2-5	3/4	30.25	64	64	61	70	,	-	8	
8	1,	7	51.0	94 L. g.	South.	3	0.4	1/4	30.26	66	66	62	70			7	
9	4	76	57.7	7		4	0-5	1/4	30.26	67	68	64	70			8	
10	3	8	61.5			3.4	0-5		30.22						1	7	.,
11				ching Phip		3-4	_		30.18					. 1. 1		8	
Noon.	3	4	64.9	6. by 9.		3-4	0-5		30.18							8	
I VOOII.				1									1				

41. 8 Distance run by Patent log.

Course and distance made good since preceding noon by observations, 9.16 %.

Latitude by D. R. Longitude by D. R.

Position at Noon:

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A.M. { Latitude by D. l. form Intrustries of 2 lines | Longitude by Observation 0

Position at 8 P. M. { Latitude by D. R. furn Norm observation. 34 0 25 . N. . "
Position at 8 P. M. { Longitude by Chemmeter from afternoon observation 0 66 0 01 . N. "

Current during the time, 12 knots tenths per hour, setting to the 1862 9. Par. Brior of the Compass by Azimuth O observed at 8 Q. W., ship's head & by 9.

Deviation of the Compass by Azimuth @ observed at 80. %., ship's head

Feror of the Compass by Azimuth ⊙ observed at 40.9%., ship's head 5.592 €. Deviation of the Compass by Azimuth O observed at 40.9%., ship's head ...

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

26 knots.

34 044 · N. " 66012 101. "

34 045 . N."

66 027 101. "

34 046 . 4. "

66 044 . 84. "

6019.84.

6 0 10 6. variation used, 8000 %.

7042.94. "

variation used, 8000 %. 3 .00 6.

370 gallons.

2430

tons 600 lbs

159 - 2150

P. M.				1.30				,						0	cir. steal		
1	4	7	69.6	6.96.126	Fruth	14	1-6	1/2	30.16	68	69	64	70	b.c.	cir. cum	7	9.
			75.0	98. by 8:126.	f. by O.				30.14								
			80.5	4-1-	J. J. W.				30.11								
			85.2	. 1					30.09						cum.	9	
			90.1						30.09								
			94.2	98. ly 6:148			1-6		30.09								
			97.2			4	2.7		30.09								
			100.2						30.09								
			4.0	96. ly E.					30.08					-	cir.cum.		
			7.9	. /				1	30.07						cum.		
11	3	5	11.4	"			4.8		30.06								
			14.5						30.05							3	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m.

bleau crob and spleaeant. Light air and beeze from FE by F. Corner FE. (g.c.) Fleering full and by under double selfed topsaile, jet, main typail and aparlem. This wilng early to long kirls from Fd. and Ed.

From 4 to 8 a On

W. Slaperton Upc Lientewant U. S. OK.

Sight arise to gruthe breeze from I. F. to Farth Dair and pleasant. Smooth sea. Between 6.30 and 9.10 shown reefer out of typeally covered royal yarder and made all plane sail to enjale everyone reef in manufact. Four ship lettered 7.24 and 7.40 and brought ship by the unid in stailvard task. appentices at the wheel.

From 8 a. On. to Merid

Gen ROL Lieutenant U. S. M.

at quarters for inspection and muster. At q.45° all hands and executed until 11.5 cm material and granters for inspection and muster. At q.45° all hands and executed until 11.6 cm taking and brokening. Tacked there time and falled three times watch officens in charge of diek in time; base written brokening. Burner 46. At end of nation all plans and to rayale, everyt main trypals and enight need in mainsail appointers at the wheel. Regist and for the boat at q.45° hands in Patie ke g. 61° and at 11.15° put it our again 11.5° known registing. At 8.40° aighted as back standing to Eastward having for he is computative of magazine 30° from 56° aft.

Oum Merid to 4 4. m.

Jenerally clear, warm and pleasant. Thodesate breeze from Into 9 that Barometer falling. Trish watch tweath in diety and received clear lago from 1.5 to 2.15; had gurnery instruction from 2.30 to 315 and gurnery instruction from 3.30 to 4.00; the third watch had instruction in pails and appare from 1.15 to 2.15; we gurnery from 2.30 to 3.15 and turned in diety lago receiving clear mee from 3.30 to 4.00; the second install turned in diety lago receiving clear mee from 1.5 to 2.30. This industry lago received close once from 1.5 to 2.30. This industry place and received close once from 1.5 to 2.30. This industry place are fine places and the course from 1.5 to 2.30. This industry was all places and to enjoy everyle or length reef in manual. Class lauled on starload tack until 2.00 when the cause to her course 96 by 6. (p.c.)

Orum 4 to 8 9.90.

Roger Welles In. Ensign W. F. M.

Elmody and pleasant Moderate breez from \$ 9.0. At 5.45 fuled light eails, neet down royal yards and ideally refed topsails. At 6.65 est main trypail, at end of watch under jit, for topmast starpails arigh respect married, forcial, doubte respect topsails, main trypail and spanker, heading \$6.6, by 6.146. Emmes \$6.6, Europed in below.

Perm 8 P. Dr. to Mid

M. J. Lood man See Energy U.S. W. Chen and threatening vain remainder of watch . Moderate breye from G. S. W. This on her cours & E. by E. Cyc) under same soil as in latter pure of previous watch. moderate swell from Id. and Vid. Thom set at 11-30. apprentices at the wheel steering ship.

Examined and found to be correct.

L'entensul U.F.W.

J. B. Mo Iton Navigator. Sienternant (U. S. R.

LOG of the UNITED STATES Phip Essex Phio Rate, Making passage from Newport, R.D. to Charleston S.C.

			-	0 0		_										-	-
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of .	Forms of	Clear oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches,	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	51	57	18.2	98. ly 6.	F. P. W.	4	0.5	./4	30.00	66	66	65	68	b.c.w	cum.	.5	M.
	3	4	21.6			4	0-5	./4	29.98	65-	65	64	68	"		7	"
3	5	0	26.6		,	4-5	-1-7		29.97							7	
4	5	4	32.0			5	2-8		29.94					"		7	"
5	5	7	37.7		,,	5	2.7		29.94					I.c.	cir .cum	.6	
6	4	6	42.3	,		5	2-6	1/2	29.94	66	65	64	67	-		7	
7	5	8	48.1		,,	5	0-7		29.94					-	minit.	5	
8	6	2	54.3			5-6	3-10	1/2	29.95	-65-	65	64	66		strat	4	
9	6	6	60.9		9%. by 9.	1 1	3-10		29.95							6	M.
10	2	0	65.9	98.	. 1	6	3-10		29.95							8	.,
11	5	9	70.8				3-10		29.95					.,		8	
Noon.	-	0	75.8				3-10		29.95							8	1.
									-					•			

113.8 Distance run by Patent Sog. Course and distance made good since preceding noon by observations, \$69.6. /// knots. 33 . 50 . 4. " Latitude by D. R. 64037 . 84 . " Longitude by D. R. Position at Noon: Latitude by observations of ⊙ 34005.1.11 64023 .06. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from Now Longitude by Observation O 34016.14.11 64 0 50 : 24. " Position at 8 P. M. Latitude by D. R. Jum Non 33 051 1 11 11 63 058 . 96. 11 Longitude by D. U. fund Som tenths per hour, setting to the & 37 2 6. Current during the time, 19 knots Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head variation used, 390 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water 2040 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 159 " 2150 Coal remaining on hand at Noon,

P. M.																	
1	6	2	82 .0	96 hy 6	AU.	5-6	5-8	1/4	29.93	67	68	66	68	b.c.	cir.cum.	8	m.
						6	5-10	1/4	29.91	67	68	66	68			6	
2.30	1,	0	58.9. 790. 5	96.													
			.,	98. by 9.	991. ly W.									0.0.9.6.6			
			"	9. ly & 1/2 E.	"."									o.c.g.r.			
				£. \$6.		6-8	0	6	29.88	65	63	64	68	.,	"	0	
7	1	0				6-2	0	3	29.91	62	62	61	68	,		0	"
	0			PO4.	N 04.	2.3	0	6	29.93	64	63	61	68	b.c. q. N.		1	"
				901.1204.										bc.			
		6		Pol. by 21.	St Ol. ly N.	3	20-22	6	29.94	64	63	61	68	b.o.p.l.	um.	5	,
				/		3	20-22	6	29.94	64	63	61	68			7	
Mid.						3	20-22	6	29.94	64	63	61	68	l.o.y.		7	M.
									11.								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a. M.
Orrdevate to stiff breeze from F. F. V. Fair and pleasant Moderate
sea. Heavy den blow hauled on stanboard tack, under jet, for topmast stayand, main trysail,
aparties, foreail, single refet mainail and druble refet topsails. Apprentice at the whel

From 4 to 8 a. m.

Lieutenant W. J. W. Fift to fresh breeze from 9.994. Clear Moderate sea from 9.994. Clas bauled on starboard tack. A 5.10 clock who net not of topicals. At end of watch under all plane sail to single reflect topicals, with single net in mainsail. Ensur 96. by 6.4pc.) A dawn eightle a steamer ahead, steering North, with the smoke stack and black top appentice at the whel. Passed patches of sea wird.

Orm 8 a. M. to Merid

Luitevant U. J. O.

Senerally clear Fireb breey from FO. by I Barmeter strady Newtre plane sail to engle reflect toysails with a ref in mansail; conce of by 6 (pc) to 9.00 then changed to I 6 (pc) at 9.30 meetred at quatters after which had directed, at better and produced to 10.30 From 10. to 11.45 the third reach hadrentinetim in sail and eface and the first watch in madicipeto ceamanship, cailmaking and eignals. appention under instruction at wheel. Passed patitus of sea used. Compositives of magazine to forward 60 aft.

From Meind to 4 P.M. &

Energy V. J. n.

Checky buy from 9th to 3th by the with equally From 115 to 2.00 half instruction are follows. It for to fresh buy from 9th to 3th by the with equally From 116 to 2.00 half instruction are follows. 1the watch and equally From 2.30 to 3.30, 1th watch grunning 2th watch gunney 2th watch grunney 2th watch grunney 2th watch grunney 2th watch gunney 3.00 to 3.35. 1th watch gunney 2th watch grunney beauto all to 2.0 clark intrusped dall and called all hands shorter said and for topical course and stayabler and atmost it; have down boat of man trapail and atmost it; have down boat of many trapail class welf main topical and at for atom stayard and backed up many well to a equal to be seen of until lying to under for them stayed, atom my and class welf main topical heading I by \$. Some \$6.

Grow 4 to 8 4.90

n. J. Coleman Eusign W. J. M.

Overeach, cloudy, equally and rainy; cleaning last how. Fresh beezes to moderate gale from 9 9. 4, 4 0., decreasing to high to Enths breezes from Not back how. Very breny rain appalled during nately breezes 96. (pc) This lying to under easier sails at send of previous nateled and main turail, willing breezes from the saily and spitching duppy at times. Extreme roll to undurate 15° and to bestow 25° appendix at the while thering ahip. Pumped only alip. The main turpail at 6.50. W. Kaperton.

Orom 8 G. M. to Mid.

Light to gutte been from N. V. by to bleaving wrother with passing nain aboves . Lightning to Id. Bright mornelight. Long rolling sea, from Vis morder string towards and of watch. Lying to under same and as in presiding watch. This rolling deeply like early. Pracument roll to bear and 27°; to window 20°. appentice at wheel.

Examined and found to be correct,

Chark beach Leitenant Ob. J. M.

J. B. Me ilter Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Chewport, R. J. to Charliston J.C.

	100		(/	0 0													-
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	Forms of	f Clear 10ths.	of the Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of th
A. 2	0.	7 5	Haded in	FU by U.	N W. by N.	4	0	6	29.96	63	62	60	67	b.c.	cum.	8	20.
2		5		, ,	. /	4	12-12	6	29.96	63	62	60	67	"		4	
3	0	5	.,	,,		4	10-10		29.98					"	"	7	
4	0	5				4	10-12		29.99							6	4
5	0	5		,,	"	4	4-10	6	39.98	63	62	58	67	*	"	4	7
6	0	5			N 94.		5-10		30.00	63	62	56	66	. "	"	6	-
7	3	0	92.5	98. by 9.	A 24. ly 26.	3	5.7	0	30.01	62	61	56	66		"	7	"
8	3	2	95.7			3	5-8	0	30.04	63	62	57	65		cir.aum	8	1
9	3	0	98.7		994.	2-3	5.7	1/2	30.06	63	61	18	65		cum.	7	"
10	+	0	2.7			3	4-5	1/24	30.06	63	62	57	65-			6	4
11	4	0	6.7			3	4-5	14	30.07	64	63	28	65			7	
Noo	5	8	12.5			3.4	4-8	14	30.08	65	65	-59	65			7	
							-										

48. 7 Distance New by Patent org.

Course and distance made good since preceding noon by observations, \$.54° 6.

(Latitude by D. R. Longitude by D. R.

Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. { Latitude by D. U. from Crown Longitude by Observation O

Position at 8 P. M. Latitude by S. C. from Norw

Longitude by Chronometer from afternow observation o

Current during the time. 13 knots tenths person, setting to the Note 94.

Deviation of the Compass by Azimuth @ observed at 4094., ship's head

Error of the Compass by Azimuth ⊙ observed at , ship's head

Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

36 knots.

33 0 39 · N. " 63 033 194. "

33 044 · N. "

63 0 48, 94. "

33 059 · N. "

64 0 03 , 94 "

33 011 1 1.11

63 007, 96.11

8053 94. 1007 6. variation used, 9000 . 2.

variation used,

380 gallons.

1660 ... tons 640 lbs

159 - 1510

P. M		T															
1		2	19.2	96. by 9.	FW.	3.4	2-5-	1/2	30.12	65	65	60	65	bc.	cir.cum.	9	ou.
2			25.5	, 0					30.12						cir stat		
3	6	5	32.0	. '		4.5	2.6	1/2	30.13	65	65	60	66			9	
4	7	1	39.1			45	2-6	1/2	30./3	65	65	60	66				
5	7	4	46.5			4.6	-4-8	1/2	30.13	65	66	60	64				
6	4	1	46.5 53.6			45	5-8	1/2	30.14	65	64	60	64		cir.cum	5	
			59.9		For you	5-	3-6	1/2	30.14	65-	64	60	64			5	
			65.9		. 0	5	3.6	1/2	30.14	65	64	60	64			9	
9	5	6	71.5			4-5	-6	1/2	30.13	65-	64	61	64	b.	sure.	10	
			77.4			45	- 6		30./3							10	
11	6	3	83.7			5	7	1/2	30.12	65-	65	62	64	t.c.	dis. strat	9	
Mid	6	0	89.7			5-	7	1/2	30.11	65	65	62	64			9	

Kogu Welles, h.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

"Moderate breze from N Ob by b. Clear. Moderate rear from Wid. "Eging to" under for storm staysail, main trysail, atom muzzin and close relad main topsail. They rolling early appendix at the wheel.

From 4 to 8 a. M.

Is Linterent a & & Securally clear and pleacant. Products breen from NO. by A. B accounts vising Lyng to under for stown stomail main tupail, stown major and clar refer main topical with 6.15 when trush refer wh of topicals access set jit for topicals staypail, topicals, topicals access access to the in stown major and at 6 to account 8 E. by S. ypc). appointed index instruction at wheel during watch Passing patches of each weed.

From 8 a. On to Merid.

On Gusign U.S. Ch. Roducte sea fem IN and pleasant Sight to moderate breeze from IN Bacometer rising. and for storm storgail at 10.30 at 9.30 mustered at quarters and stored away oil skine after which called all haude ref soil and exercised bross in refing and spaceing reaf earings until 10.30 at 10.30 made all earl to regal, sending alofs injulyies railing 10.50 to 11.50 had intuition as filming 1st watch, pail to and aparts: 22th watch, mailingliples railing and eigrale. The grand nas cut who short 5 minutes by all hands dill at early "empreture of marganius of formed 63 aft. At end of watch wide all plane sail to regale and main tripial, except eight need in mainsail, or course 45 by 3.

From Merid to 4 G. M.

Shaw and pleasant South to mudwate been increasing to stiff beeze from \$1. This on her cone \$6. by \$3. (ye) ender all plain said to raph. At 1 pm took in open and flying jit. The appointein the instructed as follows during the watch: 3th period from 1.15 to 2.15 the 2th watch had sail and appear and the 3th batch had whilefully examinately, sculpulating and signals: 4th priod from 2.30 to 3.15 the 2th and 3th watch had mining in the with period from 3.80 to 40 Check, the 2th watch had instruction in below had and by bud the 3th watch had instruction in the while the watch and the while the while the while the while the while the watch and the watch and the watch and the while the watch and the and small store. W. X. Caperton

Thodewate to stiff breen from Feb. and Feb. by H. Fair and pleasant. Bright montight last low. at 5.45 fueld toppallant wall and took time single relife in the topeacle. Appendice at the whel.

General W. J. M.

From 8 P. M. to mid.
Obsolve to stiff brown from IN by W. Clear. Overdevate are from Wood. Conver I E. by S. all
plane sail to dulle neefed topsaile with single neef in maintail. appendix at the whal.

Examined and found to be correct.

Sentenant M. Ja

J. B. Mo iltory Navigator. Sicitarach & F. W.

		1	U	10	0												-
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	e Sea
Hour.	Knots.	Tenths.	of Patent, Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the
A. M.			96.3	96. hg 9.	9 %. by %.	6	2.5	1/2	30.12	69	65	63	67	b.c.	cis stral	.9	M.
			102.7	- 1	91.9°01.	6	2.7		30.12							9	
			9.5			6	3-10	1/2	30.12	69	65	63	67	-	-	9	
			16.7		West.	6	5-10	1/2	30.12	69	65	63	67		-	9	
			21.7		-	5-6	8.3	0	30.12	68	66	64	68		eum.	5	
			27.4			5.6	5.8	0	30.14	68	66	64	68			4	
		1	12.9		-		59	0	30.16	66	66	64	68	-		3	
	5	3	38.2			4-6	5-10	0	30.18	66	67	63	67	be. 9.	cum mind	1	
9	40	66	42.8	Inth	JU W.	4	5-10	0	30.20	68	67	64	67	b.ag.	ar aum	6	In S.
10			48.3			3.4	3-6	0	30.22	67	66	63	68	b. c.	cir cum.	8	
11			53.0			3	3-5	0	30.24	66	65	62	67	-	,	9	
			56.4		-	3	2-4	0	30.25	66	65	62	68	-		9	

143 4 Dietance num by Patent Sog.	
Course and distance made good since preceding noon by observations, 94126.	162 knots. tenths.
(Latitude by D. R.	32 002 · N. "
Longitude by D. R.	61 0 59 194. "
Position at Noon: { Latitude by observations of @	31 042. N. "
Longitude by chronometer from Forenoon Observations of O	61 0 43 . %. "
Position at 8 A. M. Latitude by S. R. from Noon	32 020 11. "
Position at 8 A. M. Longitude by observation o	61 0 47 96 "
(Latitude by D. B. from Now	31 000 : VI.11
Position at S.P. M. Latitude by S. B. June Norm Longitude by Chemenater June afternow observation O	61 0 38 . 94. "
Current during the time, 20 knots tenths per hour, setting to the 93426	
Error of the Compass by Azimuth @ observed at 4 P. ship's head \$4.9%.	9 . 37 . 94.
Deviation of the Compass by Azimuth @ observed at 4090, ship's head	0 0 48 6. variation used, 10 00 00
Error of the Compass by Azimuth	0 / "
Deviation of the Compass by Azimuth @ observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	380 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1280 -
Coal consumed during the preceding 24 hours,	tons / 200 lbs.
Coal remaining on hand at Noon,	159 - 310 -

P. M.								1								
	3	61.7	Porth	J. 24.	3	4.5	0	30.26	66	66	62	69	b.c.	cir.cum	4	2
		66.4	,	J. 24. ly 24.	8	4.5	0	30.26	68	67	62	69				
		71.0						30.27						-	9	-
		75.0						30.29						ür.		
		79.3		J. by 94.				30.29						un dat		
		82.5		1. how.				30.29						,,		
		85.0						30.29								
		87.5						30.29								
		90.4						30.81					"	cir .cum.		
		93.3						30.34								
		95.7						30.34								
	_	97.3						30.35								

Koga Welles fr.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. O. W. Sleav and pleasant. Fresh breze from II by W. to Orest Barometer steady. Under all plane sail to double refer topsails, on course IE. by I (p.c.) appendices under instruction at which.

From 4 to 8 a. M.

Gusugn U.J. R. Check and threatung, equally appearance at times. Barrette vising Products to feel breeze there are a to feel breeze to feel breeze to feel breeze and at 70 less set topgallant early. Took in tipgallant early to light aquall at 4.50 Products are from Chetward. This willing and pitching considerably. It end of water rudes for topmach stayail, jet, foreail, ruigle relied manuall, topsails and main topsail, on course & by E.

Jum 8 a. m. to Merid.

n. J. Colman & J. R. Crow 8 (0.48. to Allied.

Chearing, and pleasant wrother Thederate to gentle been from N. W. At 8.55 changed comes from 96 by F. (y. v.) to Faith (p. c.). Flip under came soil as a sund of promose wroth everyt main tripical, which was taken in at 8.00. At 9.36 mentioned at Justice. The apprentice were instructed as followed during the watch watch years years, from 9.45 with 10.30, the 2. watch had justice and the 3. watch infantry. French prior from 10.45 watch 11.30, the 2. watch had infantry and the 3. watch had justice Tail of watch watch watch was all of the watch the soft watch had justice Tail of the sund 11.30 and the Tail of the sound are moderate will from No. 3. All the clock alical 5 minutes to turn 11.30 and to be part of watch alical 5 minutes to turn 11.30 and to be part of watch alical 5 minutes to turn 11.30 and the superior of watch alical 5 minutes to turn 11.30 and the superior of watch alical 5. deal of sea used during watels. Computatives of magazines 63° forward, 65° aft. Will aperton

Leiterant W. J. W. South to light been from N W. and N & Jair and pleasant. at 12 40 fulest topgellent sail and took a single seef in the foresil. This change of sail the unid remaining steady reduced the epid one knot. I 2.10 as the main and migror topmach stayeally. Cleaned starbed under tank.

Included one backstage. Apprentice were instructed as follows: 1.15 to 2.00. I worted infairty 3 de untak single tracks: 2.15 to 3.00. I worted infairty of worted, single stakes: 2.15 to 3.00. I worted in a broad a remained. and away for cutting as of verel. apparative at the wheel. At end of watch, alies as conce Inth, under for, main and mugger topmast atorpacie, topeacle and engle regled concer.

Leutewart W. J. W. From 4 to 8 9.9%. Light to moderate breeze from N. by W. to N. N. Ding era from N. W. Ennew Freth (y.c.) at 445 hauled down and strongly attended man topicals and muzicus topicals about the occupiest topicals and the second ref in foresail . Vader their each of watch with jet, and fore topical of the second ref in foresails. Indee their each of watch with jet, and fore topical staypail set. appentice at the while.

Leitewant U. J. N. From 8 P. M. to mid Elvar and pleased, bright monlight Light to gentle breze from A. 4. Baroneteo rising. Indee doller refed topeals, doller refed foresit, single needed manual, jet and for topmach stangail or course South (p.) This wiling early to long auth from N.W. Apprentices under instruction at what during watch

Goger Welles, Jr. Ensign W. J. M. J. B. Mo ill Navigator.

Georbeall,

Noon. O S

of the UNITED STATES Thip Essel 3rd Making passage from Newport R. D. to Charleston S. E. A. M. b.c. 1-2 0 0 30.38 64 63 60 69 98.2 J. St Q6. 0-1 0 0 30.38 64 63 60 69 0-1 0 0 30.88 64 63 60 69 0-1 0 0 30.38 64 63 60 69 0-17-10 0 30.8864 63 60 69 0-1 7-10 0 30.38 64 63 60 68 0-1 7-10 0 30.39 63 63 59 68 0-1 7-10 0 30.39 65 64 60 68 b.c. 0 7-10 0 30.39 68 65 61 69 9 0 9 0 57 0 30.40 68 66 62 69 0-15.7 0 30.40 67 66 62 69 0 5 11 1 5.7 0 30.4067 66 62 69 10

48. 0 Distance run by Puters Log. Course and distance made good since preceding noon by observations, \$9.9 6. 54 knots. (Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. \ Latitude by D. R. from Joom (Longitude by Observation O Position at 8 P. M. Latitude by St. U. from Noon

Longitude by Chemineter from afternoon observation O tenths per hour, setting to the \$41294. Current during the time, 4 knots Error of the Compass by Azimuth o observed at 80 .91., ship's head Shoth Deviation of the Compass by Azimuth @ observed at 80 90., ship's head .. Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at Water expended during the preceding 24 hours, during the preceding 24 hours,

30 046 61 030 184. " 30 0 49 ch. " 61 0 83 , 94 " 30 045, 1. 11 61034,04.11 30049.1.1 61033 104. " 8 . 43 . 94. variation used, 9 00 %. 1.00 . 6. variation used, 4 20 gallons.

860

tons 560

158 . 1990

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

P. M.	0	6	Houled in	. A. S. Ot.	01. 9.91.	2	7.7	0	30.41	68	68	64	69	b.	none.	10	2
									30.42							10	"
						2	7.7	0	30.42	69	68	64	70		-	10	.,
									30.43							10	
5	0	8		98. 6, 9.	901. lig 01.				30.44						eir.eum	9	
535	1	2	78.2	Phy 6:126.					30.44						.,	-	
			98.5						36.44								
8	1	0				2	5-5-	1/2	30. 44	67	65	62	70				
				PE. 3/4 P.	fou.	2	5.7	1/2	30.44	67	66	63	YO	b.		10	
10	1	0							30.44							10	-
				,,		3	5.5	1/2	30.44	67	66	63	70	b.c.	cir. etial	9	
Mid.	2	2				3	55-	1/2	30.44	67	66	63	70		enou steak	7	
1										1							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On.

Severally clear and pleasant. balus to light breeze from N. N. V.

Barometer steady. This rolling and jeitching considerably to long early from N. V. Pharimin well 18. Bright starlight and mornlight till 2.35 when morn all. At end of watch under jit, for topmast starpail, instead reefest foresit, engle neefest mansail and doubt reefest topsails, on come Fueth.

N. Morrman

n. J. Johnson Pun 4 to 8 4.91 Clear, warm and pleasant. Eight air from N. N. Phip on contra Freth (g.c.) under same sails as in previous writer until 70. M. when shook needs ask of topeach and one welf on of foresis. appreciate of the water under instruction of the while steering ship. Long well from I th. Philo rolling early and frequestly to surl. W Waperton

URC. Diciterant V. J. W. Calm free two knew light airs from I FO last two bleav and pleasant Long ancel from Note and Old at 9 30 calleial hands alig for action. But draw royed yards and made all paperations as required by regulations, in 40 minutes. At 10.13 counted rate to be executed was town and provided the battery, directive reporting randy as follows after made at 10.17: 2nd direction, 10.21; 1st direction, 10.22; 3nd direction, 10. Exercised battery vering dummy shall. Called away reflexed and brander and exercised at advancing retesting and callying, neing the bught called. Exercised brangation division at securing arguing fricking main year, glungging shot hote. Frunted call to secure at 11.06. All divisions executed in 11 minutes. Evened east of 12.20. At 11.20. At 11.20. Challed C. Bullock, Gap to classing friends from the fort wast of feet years to the partie ladder on mark anyther for the fort wast of feet years to the partie ladder on mark anyther form the fort wast of feet the deed, a distance of thirty (30 feet. He was picked up unemocine and carried to the baptoine cabri, where he arm recovered consciences, and it was for that although bothy busied be had received no serious injuries. In accordance with the growine of article 1249, N. L Can Regulation, Twink. O. B. Espeton, N. S. N. was discret to make a regot in duplicate of the circumstance attending the accidual to Quelock. appuntion at the wheel. Tempuatur of magazine but forward, 66 - aft.

Qual Genterant Ob. 99. Our Cheid to 4 P. M. Eight brees from 94.994. Clear . Long evell from North. Threating 4. N. H. deving the watch. At 1.18 evented frie alasm . I who in concess. This tream in 10 minute, 39 exember 44 1.25 annuall norths to get up genreemes At 1.26 called all hands alandon elip and mustured almost brate with necessary articles. Tremed at 1.36. at 1.40 ast courses. appentices were instructed as fellow: 2.15 to 30 clock, 14 division infantry 2rd division broad swords: from 3.15 to 40 clock, 1st division and val dirain, R. 3 Kuns. appendice at the wheel. The new of the ship eccubbed however Rude topsaile, engle weful course for topment staypail and jet at end of watch.

Linterant W. J. W. From 4 to 8 4.90.

Blear and pleasant. Fight brey from 48 by th Barmeter steady. At 6 15 took too reter in toquaile and a seemel ref in the foresil. At such of motels under double enfect squalle and foresil, refed manically jet, for toquased stayered and apeaker making course 4 by 6.12 6. (p.c.). Put one Potent sized 5 %, earling 9 2 and hand it is not you needing 9 2 5. bloger Chelles, h

Jum 8 P.M. to Mid. Light braze from IN. Elsau and pleasant Buight mornhight. At each of watch under decision respect to pender, Examined and found to be correct dubbe reefed formul, origin respect maintail, jet for topment stangard and upraker.

Lectural W. IV.

J. B. Weillon Navigator.

LOG of the UNITED STATES Thip Essex Third Rate,

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.			Hear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1	2	80	Hauled in	9. ly 6:126.	04.994.	3	4	1/2	30.45	-66	65	-63	68	b.c.w.	cir. eum	7	92
2	1.	8				3	4		30.45						"	9	
3	1	8		9. ly 6.	"	3	4		30.46					"	"	9	
5	2	0	•	9.14 6.	OH. by S.	3	4		30.46					li.a	"	9	8
6	1	9		Futh	West.	2-3			30.39					"		7	"
7	2	0	6			2-3			30.89							6	
8	3	0	98.5			3	4		30.40							4	
9	2	0	100.3		Oh. by S.		3.3		30.45							1	
10	1	8	1.1			1	3-3		30.46							7	1"
11	1	3	1.6		Otest.		3-3		30.46							7	

36.8 Dist	tauce run by Patent Log.	
Course and distan	ce made good since preceding noon by observations, 9.27° 6.	2,9 knots. tenths.
	Latitude by D. R.	30 °25 'N."
	Longitude by D. R.	61019 194. "
Position at Noon:	Latitude by observations of ②	30 ° 23 ' Nr. "
	Longitude by chronometer from Forenoon Observations of ⊙	61 0 17 14. "
	(Latitude by D & firm Jom	30 ° 29 'N "
	Latitude by D. R. firm Nom	61 ° 19 ° W."
D. W D. W	(Latitude by D. B. from A one a flavor observation o etime, 272, knots tenths per hour, setting to the \$2.9 2 &	30 ° 13 ' N. "
Position at 8 P. M.	Longitude by of humanter from afternom observations	61014. W. "
Current during th	e time, 21/2 knots tenths per hour, setting to the \$292	
Beror of the Comp	pass by Azimuth o observed at # P. 92, ship's head \$ 2 6.	9002 %.
Deviation of the C	Compass by Azimuth ⊙ observed at P. 9., ship's head	9 41 6. variation used, 9 °00 '9.
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended d	uring the preceding 24 hours,	4 10 gallons.
Water	during the preceding 24 hours,	
Water remaining of	on hand fit for use at Noon,	450 "
Coal consumed du	ring the preceding 24 hours,	tons 400 lbs.
Coal remaining on	hand at Noon,	158 " 1590 "

P. M.																
1	1	5	2.8	Pinah	Otest.	2	3-3	1/2 30.46	71	69	66	70	bo.	cir.cum.	5	9
2	1	5	2.8		,	2	3-3	1/2 30.46	71	72	68	70			5	"
3	1	5	2.8			2	3.3	1/2 30.46	72	74	69	70			7	"
4	1	5-	3 2			2	3.3	1/2 30.47						-	9	
5	1	2	Heuled in.			2	1-3	1/2 30.47							8	
6	0	9	"			1-2	3	1/2 30.47	70	72	67	70		dist.	9	
7	0	9				1-2	3	1/230.47	69	69	66	70			9	
8	0	7			Ol. 901.	1	3	12 30.48						cir.cum		
9	1	2			04. by 9.	1	3-3	1/2 30.47							9	
10	1	0			,	1	3.3	1/2 30.46							9	1,
11	1	2				1	1.3	1/2 30.45					"	"	9	
Mid.	1	2				1	3-3	1/2 30.44					b.	now	10	"

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

Clear damp cool and pleasant Gentle breze from W. & W. Morn art at

3.00 a. M. Conner South (pc) Thip attenting fell and by on starboard tack under double negled toqualle
and forwait, suiglo negled maineail, jet, for topmart staysail and aparker appendix at the wheel

attenting chip. US Sintemant Q. S. N.

From 4 to 8 0.92. Sight to gentle burge from Heat. Frie and pleasant. Glude same sail as in preceding watch. Appendicular the while Put one Patent bog at 7.40 reading 98.5.

From 8 a. 92. to Graid. Light to gutte been from It by I and Vest. Course Inch. Sea smooth Video same early early water appendicing of the wheel. Chaning this with 11. a. 92. when the appendicin was called to quarter for bag inspection by Timemal Office. Temperature forward magazine 61 3. and of after magazine 67 3.

Firm Precide to 4 P. M. Securedly chav and pleasant. Light breeze from Mech. Bacometer steady.

Cluder dubbe refed topically auch forcest, single refed marrial jit for topical stayeast and expander on course Porth (p.c.). apprentices allowed bags all the watch. Apprentice at what during watch.

Ensign W. J. 96.

From 4 to 8 P.M. Sewelly clear and pleasant Light air to light breen from I set to 8.89. Bright montight during last two hours. At end of water int, for topmast staypail, double refet forsil, single refet mainsail, double refet topsails and spanker, heading 9.106. Comes Inthe.

n. D. Coleman & S. M.

From 8 P. Me to Mids.

Clear cool and pleasant. Light air from Ob ADL and Ob by S. Bright morelight and starlight. This or lies comes South (pc) under same soil as in previous watch apprentices of natch at what, steering ship.

W. B. Caperton Lieutenant Ob. J. M.

of the United States Thip Essex Phil Rate, Making passage from Newsport, Q.J. to Charleston, S.E.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	P	Clear kbs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	14	3						,									
1	1	4	Harled is	Finth	West.	1	3-3	1/2	30.44	68	67	65	70	b.c.	cir.cum.	7	9.
2	1	4		"	,	1	3-3	1/2	30.44	68	67	65	70	4	"	7	"
3	1	2				1	3-3	1/2	30.44	68	67	65	70		4	7	1
4	1	2				1	3.9	1/2	30.44	68	67	65	70		cir etras	.9	1.
5	1	0			Ot. ly N.	1-2	3	0	30.43	68	66	64	70	"	cum strak	7	
6	0	7			91. ly 8.	1-2	. 3	0	30.43	68	66	64	70			7	
7	0	6				1	2	0	30.43	68	66	64	70	1.0	Cir.cum	8	
8	0	4				0-1	2	0	30.44	69	67	65	70		cis.	8	
9	0	5-		9.126	991. by 94.	1	2	0	30.46	71	68	65	71			8	
10	0	8		9. by 6.		1	2	0	30.46	71	68	65	71			8	
11	0	8	-	9.96.126.		1	2	0	30.46	71	70	66	71			9	
Noon.	1	0	-	9.9.6		1	2		30.47							7	

25. 3 Dist	ance men by Log.	
Course and distance	e made good since preceding noon by observations, \$ 2466.	25 knots. tenths.
	Latitude by D. R.	29° 57 ' N. "
	Longitude by D. R.	29° 57 ' N. " 61° 09' H. "
Position at Noon:	Latitude by observations of ②	30 °00 'A."
	Longitude by chronometer from Forenoon Observations of ②	61005194."
	(Latitude by D. C. Low Stoom	30 000 1 1."
Position at 8 A. M.	(Latitude by D. R. from Some Longitude by Observation O	61007194."
	(Latitude by D. M. Low Som	
Position at 8 P. M.	Longitude by Chemmeter from a Diamon observation	61001 9. "
Current during the	Langitude by S. M. Janu Doon Langitude by Chemometer Jan Afternow observation time, 4/2 knots tenths per home, setting to the N. 48° E	
	ass by Azimuth ⊙ observed at 80, 9, ship's head Froth	9 0 4 0 ' 24.
Deviation of the C	ompass by Azimuth O observed at RQ, Q, , ship's head .,	0°01'6, variation used, 9°00 .
Cyau.	ass by Azimuth ⊙ observed at 40.9%, ship's head \$6. 46.	9017'94."
Deviation of the C	ompass by Azimuth O observed at 4 P.M., ship's head	2 0 18 6. variation used, 9 00 1 %.
Water expended du	aring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	-
Water remaining o	n hand fit for use at Noon,	50 "
Coal consumed dur	ing the preceding 24 hours,	tons /660 lbs.

157 " 2150

P. M.															cir.		100
1	1	0	Hauldin	F. FE.	fel. ly W.	1	2.2	0	30.44	73	76	70	71	lo.	cir. deal	9	9
2	1	2							30.43							9	1.
3	1	2		98. ly 8.	9. Fer.				30.42							9	
4	1	2			,				30.42					4		9	
5	1	6							30.42						-	9	
6	0	8		FE.					30.42					"	civ.cum-	9	
7	1	0		96. ly 9.		1	2-2	1/2	30.42	72	72	67	72		etat.	9	
8	1	0		9 ly 6.	Q1. ly 8.				30.42							8	
9	0	4		Forth	Q. SAQ.	0-1	2.2	0	30.43	71	69	67	71		cum.	5	
10	0	3	-	"					30. 43							4	
11	0	3	-						30.43							4	
	0				1.16.				30.44							3	

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midwight to 4 a. M.

Sight ain from that . Fair and pleasant Bright mornlight. I morth sea .
Started frie under boiler "B" at 2.00 for distilling . At 2.00 hauled up manient. At end of extels under jet for topmast stayeail , aparter, class heefed foreail and doubt reefed topsails . Apprentices at the while.

gen Robeack W. S. St. Calus to light brees from the light and the by S. Elsan. Soweth are . Prom est at 405. Communed distilling with file under boils B. at 7.50 at 5.15 mode all plain sail to royal everyth manual and make tupais. At end of water under their sail. Appentices at the wheel. Connect touch (ge)

From 8 a. M. to Merid.

bleau and warm. Fight aire from FN by N. At 9.30 annoted the call for divisional niespection, office inespecting their divisional and at 9.45 the Commanding Office inequal the ship and caus at Buster Dijas up bago. Temperature forward magazine 60° and after 67°. Appendix under instruction at what. Gude plain sails to royals, with maintail brauled up, class hauled or standard tacks. Evaporating inthe banked free under botter 13.

Rugu Welles Jr. Ensign W. & W.

From Merid to 4 P.M.

Clear and warm. Light air from IN by U. to N. II. Bacometer falling Part of watch in deck engaged cleaning forward water tanker. At end of watch under all plain pail to engals every manual bearing IE by T. Cover I with Distilling under banked free under bale 18.

M. J. Coleman Ensign W. J. W.

From 4 to 8 P. Mr.

blea, warm and pleasant. Fight aire from 9.79. and 90 by L. Conce Gnoth (pc). This streng full and by on starbard tack with back; strengency, under came sail as in previous watch application at the what streng chip. Distilling under banks from under bile.

W. R. aperlow 480 Lieutenant Ch. J. W.

From 8 P. On. to Mid

Calm to light air from O. N. Ch. to S. Via George cannot of air, as indicated by morneach of clude, from J.E. Party cludy and phasent, with bright mornhall . I mooth sed. Andu all plais each to exple ewapt manuait. Distilling ender banked free under both B. appendices at the well.

Gen Roeart Qu & N.

Examined and found to be correct.

J. B. Milton, Navigator, Sentenant 96 894.

OG of the UNITED STATES Thip Essex Third Rate, OMAKING passage from Newport R.I. to Charleston & C. 8. Variable 0 30.44 69 68 65 70 b.c. 0-1 2.2 So eterage 04.994 9. ly 6. 1-2 4-4 0 30.42 69 68 65 71 0 30.41 68 68 65 71 1-2 4-4 6 0 30.40 68 68 64 71 6 0 30.40 68 68 65 70 0 30.40 67 67 64 70 0 30.41 67 68 65 70 0 30.45 69 68 65 71 04.991.1404. 1-2 2 0 30.46 69 69 65 71 9.96. 1-20 0 30.46 69 69 65 71 2.12 N. 0 30.46 70 70 66 72 9.30 1-2 0-2 11 2 8 3.4 01.129 2 0-2 0 30.47 71 71 66 72

21. + Dictaure new by Log.		
Course and distance made good since preceding to	noon by observations, \$282 W.	9 knots. tenths.
Latitude by D. R.		29 ° 48' N. "
Longitude by D. R.		61 ° 13 '94. "
Position at Noon: Latitude by observations of	0	29 ° 52 ' N. "
Longitude by chronometer f	rom Forenoon Observations of ⊙	61 0 10 94. "
(Latitude by & R. low	Norme.	29 ° 53 ' J. "
Position at 8 A. M. Latitude by D. M. Jone Longitude by observation	0	61 004 194. "
(Latitude by X / Lund)	home	29 054 1
Position at 8 P. M. Longitude by L. L	lumi alternoon observationis	61 0 22 96. "
Position at 8 P. M. Latitude by S. ll. from Carrent during the time, 4 knots ter	nths per hour, setting to the \$30'6.	
Soor of the Compass by Azimuth O observed at	89,90, , ship's head 901 6, 04.14 00	4. 7°28'94.
Deviation of the Compass by Azimuth ⊙ observe	d at 8 Q. 9 , ship's head	2 0 28 W. variation used, 7 00 94.
Fror of the Compass by Azimuth O observed at	40.94 , ship's head Q 194 3/4 W.	7°20'91."
Deviation of the Compass by Azimuth ⊙ observe		4° 27' %. variation used, 8000 '%.
Water expended during the preceding 24 hours,		450 gallons.
Water distilled, during the pre	ceding 24 hours,	760 "
Water remaining on hand fit for use at Noon,		160 "
Coal consumed during the preceding 24 hours,		/ tons 80 lbs.
Coal remaining on hand at Noon,		156" 2070 "

P. M.																	
1	1	6	3.6	Q1.12 8.	9.90.	1-2	2	1/2	30.47	78	72	67	72	b.c.	cir.	8	9
2	1	2	Haule :	94. by N.	SN.	1-2	2		30.47						cir.cum.	8	
3	1	2		QL. N. QL. 12 94.	99. ly 24.	1-2	2		30.47							8	
4	1	5				1-2	0		30.46							6	
5	1	4			9. gov.	1-2	0	1/2	30.45	74	71	67	72			6	
6	1	3			"	1-2	0	1/2	30.44	70	69	65	72			7	
7	0	4				0-1	0		30. 44							7	
8	0	9				0.1	6	1/2	30.43	69	68	64	72			7	4
9	1	0				1-2	2.0		30.44						stral.	6	
10	1	0		94.128	of lyou.	1-2	2.2	0	30.44	69	68	65	70			6	
11	1	5-		QL FN. 3/4 QL	full	1-2	2.2	0	30.44	69	67	64	70	,		9	
Mid.	1	8	-	% by 9.		2-3	2.2	0	30.44	69	67	64	70			9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

Clear Balow to variable light arise first bour them light area and bury from F. by E. at 12 to trok in all each surph jet and to possile and based abor. at 130 made all plane sail to royale everyth mainsail and main trysail. Wide this rail at end of watch. Some Facts (y.c.). The amonth. Distilling with free dudy boles B. appendice at the wheel. Elmde pressing from Fd. and Ed.

From 4 to 8 a. 9w.

Listeward Q. J. Q.

Eleav and pleasant. Light air from I by 6 Baroneter vising . Inche all plain cail to engaler with maineail harbest up, I no hauled on pot tack. Evaporating lith free under biler 13. apparatives at the wheel.

From 8 a. Mr. to Merid

Roger Weller Jr.

Eleas and warm. Sight aim to light brees from F. 9. to F. 9. N. 9.30 mustered and ineffected at quarters. At 9.45 called all hands need togerals and executed apprenticie in reefing and pareing reef earings entit 10.40 when made all cail to royals and as maintail enigh reefid. From 10.55 to 11.45 had instruction as follows: 1. witch mailingspike, cailmaking and eighels: 3. witch sails and espace. At end of watch ended all plain each to royals, except enight need in manual seading. On 12.9. At 9 octob changed course from Facts to F. by & Banked free in boiler B. Distilling.

Semperature of magazine 68 forward, 68 aft.

From Merid. to 4 9.9%.

M. A Coleman Ensign V. J. M.

bereev I by 4 (yc) Freeze felt and by or first tack under a and breeze from I I I halling to I I by V. Lover I by 4 (yc) Freeze felt and by or first tack under a ann pail as in previous writer. At o clock eighted stamm abten stading to the II and Ohis. That our number to be, International Color I I I France houted Provingan colore: then we houted International eight B. B. D. B. D. Ohilb you forward only made), but received no reply- At 2 In hauled done regal which we were much to the and on account of littunes. At I I'm count out chan be attended to employ white differ duty hammonts and accused them and diety bage. Destilling with banked five under bother B. Hauled in Potent by at 30 reading 3.6 miles.

From 4 to 8 P.m.

Luitenant Ch. I.W.

Light aim to light breen from I. II. and calms. Fair and pleasant. Innorth sea. Ut 4.30 hauled up maintail At end of watch wuder all plains eail to wysle everyt mauriail Full and by me few tark Evaporating with banked free under biler B. Apprentices at the wheel.

From 8 P. Mr. to Mid.

Que Louitenant Qu. S. Q.

Sight air to gentle breen from I. I. W. to Inch blear. I morth sea. Conner I by W. Full and by , port tack under all plain sail to regale coupt main trysal and manifal. Distilling with free under biter B. apprentice at the wheel bloods passing from the Isl and Ed.

Leutenant a & R.

Examined and found to be correct.

J. B. Me illow, Navigator. Sientenant & J. St.

			Reading		WIND.				BAROMI	TER.	TEMI	PERAT	URE.			Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	14	8			-0-0-			./			,	,		0			~
1	2	0		Ofest	F. P. 9.	1-2	3		30.45					t.c.	Cir-cum.	4	8
2	3	0	3.6	Ol. by N.	Saly 9.	2-3	4		30.45						strat.	7	
3	3	0	6.4	Qt. It Qt.		2-3	4	1/2	30.44	68	67	64	70			6	"
4	2	6	9.0			2-3	5	1/2	30.43	68	67	64	70			7	,,
5	0	8 9	10.7	9.98.126.	for.	2	4		30.41					"		6	"
6	1	7	11.0	3.86.	Ot. ly J.	1-2	2	1	30.40							4	"
7	0	5	11.0	Porth	Ofel	1	2		30.41							9	
8	1	5	11.0	9. % 6.	Ol. ly I.	1	2		30.42						cum.	7	
9	,	6	11.5	9. 9. 6. /2 6.	9 ch. by 94.	1	2	1	30.44							6	
10	3	0	13.5	96./26.	9. g. di	1-3	3	,	30.45		100				cir.cum.	9	
11				86.146	0.0.00.	2-3	4		30.46							9	
	3	0	16.0	96.129	99. by 8.	2.3	4		30.46							9	1.
Noon.	0	5	17.7	06.72 3.	V4. by 4.	~.2		12	46	10	10	00	7			1	

41. 2 Dist	and rem by Log.	
Course and distance	the made good since preceding noon by observations, 9 67 . 4.	12 knots. 5 tenths.
	Latitude by D. R.	29 ° 45' N. " 61 ° 27 ' 91. "
	Longitude by D. R.	61 027 . 91. "
Position at Noon:	Latitude by observations of ©	29 ° 45' N. "
	Longitude by chronometer from Forenoon Observations of ⊙	61 022 94. "
D. W	(Latitude by B. H. from Norm. (Longitude by Observation 0	29 0 51 1 1."
Position at 8 A. M.	Longitude by Observation o	61 032 194. "
D. W O D. W	(Latitude by D. B. furn Norm) (Longitude by Chimometer furn) afternom observation	29 030 'Nr."
Position at 8 P. M.	Longitude by Chimometer from afternom observation a	61015.94."
Current during the	e time, 4 knots tenths per hour, setting to the East.	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Comp	ass by Azimuth o observed at , ship's head	0 / //
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended d	uring the preceding 24 hours,	700 gallons.
Water distill	during the preceding 24 hours,	880 "
Water remaining of	on hand fit for use at Noon,	540 "
Coal consumed dur	ring the preceding 24 hours,	tons 2/60 lbs.
Coal remaining on	hand at Noon,	155 " 2150 "

P. M.																	
	3	5	21.2	98. ly 9.	991. ly 04.	3	2-2	1/2	30.46	70	72	66	72	be.	cir.etral	9	g.
			22.3	. ,	. 0	3	2.2	1/2	30.46	72	73	68	72				
			23.6	Inith.	Q1. by 9.		2.2	1/2	30.46	73	74	68	72	b.	none		
4	2	1	25.7	Aly 01:/2 04.	94. by N.	2.3	2.2	1/2	30.45	72	74	68	72			10	
				801. ly 8.	Of A Of.		2.2	1/2	30.46	72	74	68	72	b.c.	eis.cum.	9	-
		5		, 0		3	2-3	1/2	30.45	70	70	67	72		cir aum		
. 7	1	8		g. g. v.	Ol. by N.		2-3		30.44								
8	1	8		"			2		30.44					.,		7	
		6		Alyes.	Obest.		2		30.42							9	
10	1	8		Č		2	2		30.42								
11	2	5				2.3			30.40							76	
Mid.	2	9	26.9	,		2-3		1/2	30.40	69	60	66	71			6	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midright to 4 a.M. Cloudy but pleasant. Fight air from F. 994 to gentle breen from F. 994 to gentle breen from F. 94 by I Gender all plain each to engale with manifold up, etering by the wind on the part tack. Appendice at wheel at 200 year more Patenting reading 36 Everfrance with banked free under bother B.

From 4 to 8 a. M. Every and pleasant. Light breeze to light airs from 40 to Orle at 4 16 commenced to unaw ship heading 184 h and at 4 30 came by the wind on starband tack heading 9 4 6 14 6 at and of water under all plain sail to engale every manusch heading 4 y 6. Distilling with free under bolo 18.

From 8 a. On to Merids

Clear and free wrather Eight air from For by be be increasing to guth breast and backing to F. For. their brailing to F. by J. Demperature of magazine forward 68° after magazine by. Ruttend at quarter at 9 so and turned in security to animolists and lage. At 9.45 bet main trypail. The apparation were instructed as follows during the watch: 1° period, 9.45 till 10.30 Divisional diell at latery and Touche Tension at Stations; who period 10.45 till 11.46°, 1° watch had paid and expant; 2° be with had mainingspire scammelists, carlucking and engrals. 3° watch and found a terming during watch. Banke in patient beg exercit times during watch and found in fact inthe sea word a Board for the quadrily examination of apprinted by the Commanding Offer crienting of Luck. Conditibling with a sunt word bayesta. Semin Fly by the first sturing of the had by on etulosish tach. Clude all plain each bayesta. Semin Fly by the Flip sturing fill had by on etulosish tach. Clude all plain each to royals and main typics? Flip sturing fill had by one etulosish tach. Clude all plain each to royals and main typics? Flip sturing fill had by one etulosish tach. Clude all plain each to royals and main typics? Flip sturing fill had by one etulosish tach. Clude all plain each to royals and main typics? Flip sturing fill had by worthing oder.

B. Titled magazine find order and said them in working oder.

From Cherich to A P. Ch.

I sentle to hight breen from FCh by Ch. to Ch. by A. Clean warm and pleasant.

I month asso. Ch 1.15 called all hands and exercised at tacking chip, watch officed in charge.

Failed three times and executed three. Frenched secrees and bright high by the wind of stalland tack at 2.30. Cauled in patenting at 1.15 reading 22.3 and just it was at 23. Ch 1.10 tooks in main tryail and est the maintails single refer. After 2.30 all hands engaged exculling large hammer's person of the color of noted under all plain said to eaget energy or enight reef in maintail. Distilling with frier banked under boler B. apprentices at the what.

From 4 to 8 P.M. Eight to girthe buyer from O. by A and O. A. W. Elean. General are Ences of O. by M. all plain sail to reple everyth main tripical, single help in manuail. Distilling with frie under balls 16. Opposition at the wheel.

Gum & P An to Mid.

Cloudy but pleasant Eight to gutte breeze from Hech. Basometer felling about Mude all planie

Examined and tound to be correct. Raid to regula with single need under the Middle of presenting with backed fries in briber B. at 11 put own patent by acading 26.7.

Royce Welles In.

A. Ma il town

Leitewant & S. & Changeton

LOG of the UNITED STATES Thip Essex Third Rate, Onaking passage from Chewport R. I to Charleston S. C.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	25	1 2	31.1	F. F. Y. V.	Q. s. st.	3	2	1/2	30.40	69	69	66	72	b.c.	cir strat	6	9.
2	4	3	35.4			3	2		30.40						.,	7	
3	3	4	35.4	991. ly 8.		3	2	1/2	30.40	69	68	65	72			7	
4	4	2	35.9	. 1		3	2	1/2	30.40	69	68	64	72			7	
5	4	2	35.9	9.91.3/48.	104. by 04.	3	3		30.40							7	
6	3	4	37.0	991.12 9.	(3	3	1/2	30.40	68	68	65	72		am stat	7	
7	3	0		F91:14 F.		3	3	1/2	30.88	68	68	66	72		cir. eum.	6	
8	2	4	38.3			2	3	1/2	30.38	69	69	66	71	.,		8	
9	2	8		901.1204.	NOt.	2.3	3	1/2	30.40	70	70	67	71			7	
10	1	5-		for 3/404.		2	3	1/2	30.42	71	70	67	72			5	
11	2	6		901. ly 9.	W. N. St.	2	8		30.43							8	
Noon.	2	7		901/2 9.	104. by 84.	2	3		30.44						cir. etial	9	

63. 8 6/1	tauce new by Log.		
	ce made good since preceding noon by observations, \$. 13 94.	59 knots. tenths.	
	Latitude by D. R.	28°50 'A."	
	Longitude by D. R.	61 036 194. "	
Position at Noon:	Latitude by observations of O	28 ° 48' N. "	
	Longitude by chronometer from Forenoon Observations of ⊙	61035191."	
	(Latitude by D. R. line Now	28 056 · N. "	
Position at 8 A. M	Latitude by D. R. fun Now Longitude by Observation O	61 0 27 04."	
	(Latitude by M. R. Royal Storm	28 05 6 N: "	
Position at 8 P. M	Latitude by D. R. fun Some Afternoon observation of	61051,94."	
Current during th	e time, 2, knots tenths per hour, setting to the \$2,300.		
Brror of the Comp	bass by Azimuth O observed at 80.9%, ship's head \$9.49.	7.25 %	
	Compass by Azimuth @ observed at & , ship's head	2 05 %. variation u	sed, 7 000 %.
Ø).a	bass by Azimuth O observed at 40.9%, ship's head 991. /2 04.	7°38' QL."	
	Compass by Azimuth @ observed at 49.9%, ship's head	1038 Of. variation u	sed, 7 00 9
	uring the preceding 24 hours,	940 gallons.	
Water distil	O.d. during the preceding 24 hours,	1000 "	
	on hand fit for use at Noon,	600 "	
Coal consumed du	ring the preceding 24 hours,	/ tons 640 lbs.	
Coal remaining on	hand at Noon	154" 1510 "	

P. M.	3	5	Hould in.	901.128	J. Ot. by Ot.	3	3	1/2	30.42	72	70	69	72	b.c.	cir ctrat	5	9
2	3	6		F91:14 9.		3	3		30.42				72	. 3		6	
3	8	4				3	3		30.40			70	72			6	
4	3	6		Fox. 1/2 01.	104.	3	3	1/2	30.40	73	71	70	72	1		6	
5	3	0		Fox. by Ob.		3	3		30.40				73			6	
6	3	0		. 0		3	3	1/2	30.40	71	72	69	73		eis aum.	7	
7	3	0				3	9		30.40						cum strat.	7	
8	3	0	1			3	3		30.40				73			4	1.
9	2	7			NO4. by N.	3-2	3	1/2	30.40	70	70	66	73		cir. um.	7	
10	1	7			. 0	2-1	3	1/2	30.40	70	70	67	73	,,		7	
11	1	3				2-1	3	1/2	30.40	70	70	67	72		eum.	4	
lid.	1	3				1	3	1/2	30.40	70	69	67	72		cir eura	6	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Shouly and pleasant. Bright mornlight. Gentle breeze from & 48 Formorth are Bavoneter steady. At 30 clock bauled in petent log, and found it find, cleared it and put it was again reading 35.4. At end of watch render all plain sail to regale except engle ref in manual heading 49. by 4. Distilling with bruked free runder boles 13.

n. I believe & M. Our 4 to 8 a. m bloay warm and pleasant wrather. Gentle to light breyer from 4 4 by 4. haviling to 50 b 6 min 30 by 4. (po). This eternic fell and by on standard tack under same sail at in previous watch. Charlefatur log of red word served tenier during watch. Distilling with banked fiew under bother B. Sea enooth.

From 8 a. M. to Merid

Leiteraut Q. F. Or. Secretary & 5.00.

Secretary four No. to 4. by the Gain and pleasant. Fronth are. Operated even at quarter at 9.30 and turned in clean hammoleke and large. During 9.35 to 0.30 exercised all hands at quital each dill, refrig topically and conservant made in the control and register the and each terpopular sails and register there time, took the enight wife in topically and a single ref in the converse. Afterwarder abork not the refresh made all plains each except except are in the converse. Survive except period, from 10.45 to 11.45, the second worth was instructed in acide and aspect and the third watching are not appeared to the third watching and confidence and aspect and the third watch in paster by an acide and aspect and the third watch in paster by a reading 38.3.

Distilling with five backed under briter 15. Opposition at the wheel. Designerating of forward magazine 69°, after magazine 9°.

Willaperton.

after magazine 69º.

Our Merid to 4 G.M.

Gen ROS

Sentle breeze from N. V. by W. to N. A. Clear and pleasant, thickening elightly to undused towards close. From 1.15 to 2.15 excused 12 watch at markinespeks calmaking and eligible, 3-th natch at axil and epace. From 2.30 to 3.16 exercised 14 watch and 3th watch in general From 3.30 to 4.00 exercised 1st watch at gymnestic and 3th watch at lehin lead and log. At class of watch under plane each watch at lehin lead and log. At class of watch under plane each watch at 3th watch at 15th and 15th an to 96. , not made out.

Modegamy It. Veyler. Eusign (U. S. W.

Oum 4 to 8 9. m. Elmay but pleasant. Senth been from N. W. Barenter steady. Eng earlt from 996. at 6.15 toke in another and flying git. At end of natch under plain earl to topgallant early with angle ref in nameail, making come 99 by & (pe). Apprentices at whele Evaporating with banked frie under briler B. Corger Welker, Green & 99.

Orem 8 J. M. to Grid. Cloudy and pleasant. Bright mornlight. I suttle buyer to light air film Not by to. Baroneter exactly. Interthe sea. at 10.30 took in manural and epantier as there was not wond wough to keep them fill. At end of watch under all plain sail to topgallant sails, everyt manusail and epantier, heading I he by &. Distilling with banked fires in both B.

11. J. Coliman Gusign W. J.M.

Examined and found to be correct.

J. B. Meilton . Levitenant Ob. J. 96

LOG of the UNITED STATES Thip Essey Third Rate, Making passage from Newport a. I to Charleston F.C.

					WIND.				BAROME	TER.	TEMI	PERAT	URE.		Forms of	Clear Hhs.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	3	8	Houledin	. F.W. by W.	Stor. by St.	2	0	1/4	30.39	70	69	67	72	b.c.	cir.eum	6	82
2	2	0			7	2	0		30.40	1.	1			"		7	
3	1	2				2	0	1/4	30.41	70	69	67	72	"		7	
4	0	6			1324 S	0-1	0	./4	30.40	70	69	67	72			6	
5	0	0		No steerageway	Calm	0	0	0	30.38	70	69	67	71			4	2
6	0	0		0		0	0		30.35							5	
7	0	0	"			0	0		30.34	11			,			5	1
8	0	5		Otest.	Sorth	0-1	0		30.35	1000					ar.	5	"
9	0	3		C4.104.	South	0-1	2-3	0	30.37	73	71	68	74		cum etra	1.9	"
10	0	3		196.		0-1	2-3	0	30.40	73	71	69	74		-	9	1.
11	0	3		10 04. by 94.	994.	0-1	2-3	0	30.40	73	72	69	74			8	
Noon.	0	5		South	Chest.	0-/	10-15	0	30.40	73	72	69	74			8	

40.5 Distance num by Log.	
Course and distance made good since preceding noon by observations, \$\mathcal{T}_{32}\end{a}\mathcal{V}_{\text{.}}	36 knots. tenths.
(Latitude by D. R.	280 181 1.11
Longitude by D. R.	62001, 94."
Position at Noon: { Latitude by observations of	2801811. "
Longitude by chronometer from Forenoon Observations of O	61052,94."
	280161 Nv. "
Position at 8 A.M. Longitude by Deservation ©	61.052.91."
(Latitude by D. R. line Nom	27 049 1. "
Position at 8 P. M. { Latitude by D. B. from Nome Longitude by Chemorular from afternom observations	61059 . 94. "
Current during the time, 8 knots tenths per hour, setting to the &ast.	
Bror of the Compass by Azimuth O observed at & a.M., ship's head	6 053 94.
Deviation of the Compass by Azimuth ⊙ observed at 80. %, ship's head	3 23 94. variation used, 7000 %.
Bro of the Compass by Azimuth O observed at 49 %., ship's head \$ by 91. 18 94.	6 . 37 . 91. "
Deviation of the Compass by Azimuth @ observed at 4.30%, ship's head	0 007 9. variation used, 7 000
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	640 "
Water remaining on hand fit for use at Noon,	840 "
Coal consumed during the preceding 24 hours,	/ tons 80 lbs.
Coal remaining on hand at Noon,	153 - 1430 "

P. M.		-	w	ch-o	01 1	1.		1			~	1.	. ,	1		1	2
1	2	5	Hauldis.	F. g. e4.	Otest.	/	2		30.39					b.c.	cir. eum.	5	
2	4	0				2-3	2-4	1/2	30.38	73	74	70	74	ве.р.	mint.	5	
3	4	6	38.3		91. ly N.	3-4	4	1/2	30.38	73	75	70	74		cir.cum.	6	
4			43.9			3	4		30.37						atral.	8	
5			47.2	Ply 04:14 04.	Olect.	3	4		30.84							9	9.
				9.901.	Of by A.	3	4		30.34						cir.cum	9	
			56.2	901.	19. ly 01.	3	4		30.32						eun.	7	
8	3	3	68.5		. 0	3	4		30.30							7	
. 9	3	4	62.1	991.1201		3	4.7	1/2	30.50	71	71	68	74			7	2
10	8	6		991. ly 01.	A 94. by N.	3	4.7	1/2	30.30	71	71	68	74		4	7	
11	3		69.5	991. 6, 91. 9/4 94.	0	3	4.7		30.33							7	
			72.9	Q1. 9. Q.		3	4.7	1/2	30.43	71	71	68	74			5	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 40. M. .

Pair and pleasant. Eight air and breeze from 40 by the bloods pareing my few Hos. Phys on conser Fa by 4 (pc) ruder get, for topmast atayoals, forwails and tygellant early with barely decreased last hour. Eng curl from 4.80 to which ship will early and contantly. Distilling with banked free much biles B.

W. Klaperton Lieutenant Q. & Dr.

Oum 4 to 8 a. On.

balm, warm and pleasant. Long evill from Not No eterageway. Under same sail as in preceding watch. Detalling with frier banked under boiler B. afformtien at the whel.

Gen Rocack Treinterant Ql. 9.9%. From Merid to 4 4.9M.

Chains and clear. Eng evil from Not. balow to light and from Inch and I've hauling to Orel at end of watch. All goo est aparter and changed conner to Geel Duperative of magazine, forward 70° aft 70°. At 9.30 mistered at quarters for inspection and dilled as following us to 18.30, Birt watch, infantry: "Find watch, pictole. 10.48 to 11.45 First watch pictole: "Find watch, infantry. At 11.15 we sly to Touch bracking I by Or on standard tack. At 11.45 act watch, flying jit and mauricil. At class of watch on standard tack, by the winds under plain each, with single well in mauricil Tietling with banked free under liter 18". Comes Over.

Herdinery U. Leylur From Merid. to 4 G.M. Onsign U.S. W.

Cheege 21. 5 40.

Cheege 21.

Roger Cheller Jr. Eurign Mr. 8.94 From 4 to 8 P. M. Cloudy and pleasant bettle been from that to N. by the Esa smooth at 60 clock fuled enjate sent drue words youds and stand flying job. At end of watch under all plane will to typallant vails, close hauled on starband tack brading Feb. Sunce West. Distilling with banked few under bless.

H. I Coleman From 8 FOR to midnight.

Sain cord and pleasant Sentle been from I I by I hailing to to I by I.

Bright mountight obscured at times by passing accide from I I this rolling early to long will

from I I h. Comm Hest (ye) This stering full and by m starboard tack under gethin each to topgallant

sails, weigh enight out in manism. Distilling with banked free under both.

Millaperton, Ensign V. J. a. Willaperton,

Examined and found to be correct.

J. B. Miller . Justewant Ql. 9.91

Leitenant U. J. M.

LOG of the UNITED STATES Thip Essen Third Rate, Making passage from Newport Q.J. to Charleston S.C.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.		Forms of	Clear iths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	114	4						,									
1	8	1	76.0	In by 21. /2 81.	J. R. by N.	3	4.7	1/2	30.33	71	71	68	74	b.c.	cir.cum	8	L.
2	2	8	78.8	99. ly 04. 3/4 04.	, 6	2	4-7	1/2	30.32	71	71	68	73			6	"
3	8	0	81.1	91.991	N. N. 96.	2-3	4-7	1/2	30.32	71	71	68	73			6	
4	4	3	85.4	01.0/4 8	Aly QL.	2-3	4-7	1/2	30.32	71	71	68	73			6	
5	2	6	87.6	QL:14 9.	1	2	5	1/2	30.32	71	71	68	74			6	8
6	3	4	Harledin.	Of est.	North	2-3	5	1	30.32	,			74			6	
7	1	0			,,	2-3	5	1/2	30.82	71	70	68	74		cum.	7	
8	1	6			Il by E.	1	5		30.33				74		,.	8	
9	2	0			Nolth	2	0	1/2	30.35	72	71	69	74			7	
10	,	5				2	0		30.37	1			74		-	7	
11	0	8				0-1	0		30.39							6	
Noon.	0	5				0-1	0		30.40						-	7	

73. 2 Dieta	ruce run by Log.	
Course and distant	the made good since preceding noon by observations, \$.362 94.	64 knots. tenths.
	(Latitude by D. R.	27 029 1 N. "
	Longitude by D. R.	
Position at Noon:	Latitude by observations of ①	27 0 26,56. "
	Longitude by chronometer from Forenoon Observations of ⊙	62083 94. "
	(Latitude by D. U. hum Som	27 028 . St. "
Position at 8 A. M.	Longitude by Usawattawo	62028 . 94. "
	(Latitude by D. R. from Noon	· 27 022 . W. "
Position at 8 P. M.	Latitude by D. R. how Now afternoon observation	io 62 0 53 94. "
Current during the	e time, 4 knots tenths per hour, setting to the 9.42	
	ass by Azimuth @ observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth @ observed at , ship's head	variation used,
Error of the Comp	ass by Azimuth O observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth O observed at , ship's head	o / variation used, o
Water expended d	uring the preceding 24 hours,	400 gallons.
Water dutill	during the preceding 24 hours,	880 "
Water remaining of	n hand fit for use at Noon,	/320 "
Coal consumed du	ring the preceding 24 hours,	/ tons — 1bs.
Coal remaining on	hand at Noon,	152 "1430 "

P. M.	0	5	Hauled in	94.8.04.	194. by st.	2-	2	1/2	30.40	75	74	70	75	b.c.	cir. struk	7	٤.
2	0	5				2	2	1/2	30.40	75	74	70	75			7	
3	2	3		O4. by 9.	A. by 04.	2-3	2		30.40							7	
	2			Ofed.	Sorth	3	2		30.40							4	
	2			1.3		2-3	3		30.40						cir-cum.	6	en.
6						2	3		20.39							4	
7	0	5					3.6	1/2	30 38	72	72	69	75			6	-
	0					0-1	3-6	1/2	30.38	72	72	69	75		4	8	
	0					0-1	0	1	30.35	72	72	69	75			9	
10	0	0		No decrageway	balm.	0	0	0	30.35	71	72	69	75	b.	none	10	
11	0	0		, 7		0	0		31.84						"	10	
Mid.		0				0	0		80.84							10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a.M. Sight to gentle breen from NO by No to I by No. Orair and pleasant. Bright mornlight . Long evill from Nid and Wid. Passed relimense potence of ear week. Full and by m starboard tack, under all plain sail to topgellant sails, evaples seight need in the manisail. Distilling with free banked under land "B" apprentices at the wheel.

Gen Recent Qu. J. Qu. From 4 to 8 a. M. Sight airs to gently breeze from N by W, N orth and N by S. Blear and plearant. Elmoly at survice but clearing after. At 6.45 covered unal years and set waste and flying job. He are the patent legal 5.00, reading 876, runing to contact forling. Perced many patent of word. At class of water on course West under plans sail with simple neef in manusail Distilling with banked free under boiler 16.

From 8 a. On. to Merid.

Hardjoney W. Ley le Energy Q. F. O. bloudy and warm. Eight airs and breezes from North to calm Barmeter neing. At 9.00 musted of quarters. At 9.45 had general quarters, the Dinsims reporting as follows: Downled Goods Dincion noise 20 acc. Engineer Dincion in 1 min 40 acc., after Ponder Dincion 1 min 50 acc., Surgestow Dincion, 3 min 5 acc.; 3 Dinsim 3 min 5 acc.; 14 Dincion 3 min 10 acc. and 2 rd Dincion in 3 min no acc. A 10.26 when securing, the Dincine regented as follows: the 2rd Dincin in 2 min. 10 acc.; the 3rd Dincin in 2 min so see, the Naigatrie Dincin in 3 min. 10 acc. the after Powder Dincin in 3 min no acc.; the 1rd Dincin in 4 min 40 acc. and the Forward Powder Dincin in 4 min 40 acc. At 10.34 rang five bell, the Durume reporting water as follows: Navigative Division in 15 sec. Engineers Division in I min 45 sec. Courte Division in 2 min. 15 sec. 3th Division in 2 min. 46 sec. ; 1d Division in 2 min 46 sec. and 2.4 Diview in 2 min 56 sec. At 10.30 hauled up consel and at 11.00 hauled down flying jt and for topment staypail and exter A end of watch under wyale, topgalant early topeaile and git. Come West Distilling for ships are with banked free under bother B. Appentice at wheel & 6 Georgely (Bako) reported the requisition of lettern of exhibitions. I emperate of magazine 12° found 71° aft.

bloger Wellig In Oum Merid. to 4 P.M. bleau and pleasant. Eight aire to gruthe beeze from No. by N. to North. Had instruction for 1st and ord while watches as follows: from 1.15 to 2.00, 2nd watch brad awade: 3th watch, infanty: from 2.15 to 2.00, 2rd watch, infantry; 3rd watch broad ewords: from 3.15 to 3.45 general exercise respired toperacle. At 2 p. on. cet conser flying jill for toperact stayeacle and appealen. At 3.45 act main and muyen toperact stayeacle. At end of watch under all plain will to regale with main and muyen toperact stayeacle, everythe enight rest in mainsail, an come Greb Distilling with banked fire in boler B. n. J. Colman

Oum 4 to 8 4. 90.

Elean and pleasant. Fight air from North. En anorth. Underste auril from NO. at 60 clock hauled down to gift main and mugge topmant staymails, took in royale and such down we all grant. This on her owner Vest (go a moder all plain acid to toppallant sails everpt as engle neef in maineail. I stailing with frie bryked nature boles B. H. B. Murphy (Barber) as at this day dicharges from the Plant General Jerum of expiration of relitment VII afterland. I show a Press of Mr. to But.

Calm, clear and pleasant Moderate swell from Itid, and It'd Mornrose at 8.22 Fork in the epanher at 8.50. Ander came sail as at the end of preceding watch except aparker. Detilling with free banked under boiler B. apprentice at the wheel.

Examined and found to be correct.

Geor Diane Lecutement Qu. In . B. Meilton, I Lieutenant Ok . J. D. Mangeton

Greign U. J. Or.

LOG of the UNITED STATES

of the UNITED STATES Thip Essex Third Rate, Making passage from Newport R. D. to Charleston S.C.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
А. М.		9	_	O4. L, S.	1.00		2	0	30.04	~,	2.	60		be.			2
1 2	0		Hauled is	Ofest	A. ly 24.	0-1			30.84			, ,		"	Cr. Cum	9	-
3	0	2		WIEN	6	0-1			30.34	,		1	1			9	"
4	0	0		So steerageway	balm	0	5.7		30.34	1	1		,			9	
5	0	0		6		0	3	0	30.34	71	71	69	74			6	2.9
6	0	0				0	3		30.33							6-	
7	0	0	-			0	3		30.23					"		9	
8	0	5		Or. In.	N.N. QL.	0-1			30.33							9	
9	0	1		No steerageway	balm		3		30.84						cum.	9	
10	0	1		Of est.	A by th.	0.1			30.35					-	cum strat	. 9	
11	0	1		and the latest sea	2	0-1			30.86						en cum	9	1
Noon.	0	3				0-1	3	1/2	30.37	74	74	71	75-			9	-

12. 6 Distance run by Log.

Position at Noon:

Course and distance made good since preceding noon by observations, Jy7: 94. Latitude by D. R.

Longitude by D. R. Latitude by observations of O

Longitude by chronometer from Forenoon Observations of ②

Position at 8 A. M. { Latitude by D. R. from Now

Position at 8 A.M. Longitude by Observation O
Latitude by S.R. from Yorn

Position at 8 P. M. Latitude by S.R. from Yorn afternoon Observation O
Longitude by Chromoneter from afternoon Observation O

Current during the time, 11 knots tenths per hour, setting to the Jule W. Pro of the Compass by Azimuth O observed at 80.9%, ship's head . 90.12 94. Deviation of the Compass by Azimuth O observed at 82.9. , ship's head ...

Day. of the Compass by Azimuth ⊙ observed at 4.30 Muship's head 9 W. by W. Deviation of the Compass by Azimuth O observed at 4.30 (, ship's head

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

23 knots. tenths 2702211. "

62.054.94. "

27 032 . N. " 62 958 . Ch. "

27 623 . 1. " 62057 94. "

270 29, 1 "

63.03 , 4. 11

40.23 . 24. 203 W. variation used, 5000 %.

4.34 . 94 " 1 . 39 . W. variation used, 5 . 00 . 94.

400 gallons 880

1810

/ tons 320

151 - 1110

					***	-						-					
P. M.						13											
1	0	4	Heredie	9.9.9.	N. N. Ob.	0-1		0	30.36	74	74	71	75	be.	cit sum.	9	23
2	0	5-		904. by 24.	-	0-1	0	0	30.34	73	73	71	75			9	
				g.gov.		0-1	0		30.34								
				991.		0-/	0	0	30.82	73	73	71	75			9	
				9.04. by 94.	104.				30.32	1"		1	,	0	none		
	0			No steragenay	balin.				30.32							10	
7	0	0		.0 0		0	5.4	0	30.32	74	75	71	74	4. 4. 4		10	
8	0	0							30.32							10	-
9	0	0				0	5.4	0	30.32	73	71	70	74	b.c.	cum.	9	
	0				wash with the				30.33						"	4	
11	0	0				0	5-4	0	30.34	73	71	70	74			5	
Mid.					E. A.				30.34						or cum.	5	-
1																	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a. M.

Bleav and pleasant. Bright morelight balow to light airs from N by W.

No stanagenay last bown Distilling with fine banked under briler B. Under all plain sail to topywhent
coils, so ups speaker and a single rest in maintail.

There is a . Mr.

Ensign W. S. M.

Generally clear and pleasant. Balon light air from N. N. last how. Baronter attacky Cluder all yelain sail to top gallant sails event expander and a wingle neef in mainsail. Distilling with fire banked under bales B. appuntices at which

From 8 a. M. to Merid

Roger Weller fr. Ensign W. F. M. Eleav and warm. Ealer to high air from 4. by & Barrestor vising Ever and appendicis engaged bolystowing decks laddew and gratings and cleaning pend work 24 10.20 o clock land life book and allowed appendicis to go in bathing one watch at a time. At 10.00 horisted life book and stood by hammocks. Called to quanture at 10.00 and inspected apprentices hamwocke and had all hading twied up to air. It end of watch under all plain earl to topgallant early except spanler and a single reef in maineail heading & by F. Emise West. Distilling with banked fire in white B. Semperatur of magazines Is founded, I aft.

n. J. Coleman Cum Presid to 4 P.M.

Chay warm and pleasant balms and light airs firm thirth. Eurose the est (p.c.)

This sterning on starband took with barry sternageway. With Promphy is exclisted for three years as
a Landsman. Ferred on letting and emall stone. This junder show eail as in preceding watel
Distilling with banked fire under birler B. appendice at the wheel during water. Our meint. to 4 F.M.

Oum 4 to 8 @. In.

Trentenant Dr. F. OK. Calm clear warm and pleasant. Ftailight last how. Ling well from Na and Nd. At 5.45 hould up concer to preven chafe. Distilling with free banked under Boller B. apportune of the wheel. at the wheel.

Dum 8 990. to mid.

Gentenant O. J. Dr. Seav and pleasant below and no steragency first three hours, light airs from 6.96. last half bow. Even now as 9.15. Bught morehight all close of watch on course West under toperally toperally soils from tremain stoyeast and jit. Distilling with backed free under boiler 16. Eng with law the and Old.

Aboutegonery the large Energy a & 2

J. B. Wollton Seitenant Pl 99.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Preciport R. J. to Charleton S. C.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear 0ths.	se Sea.
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	2 /	70	Hauldis	Cheek.	£6.	,	0	0	30.32	72	71	69	74	be.	cum.	5	2.
2	1	0			9.98	1	0	0	30.32	71	71	69	74		-	7	
3	0	6				1	0	0	30.30	71	71	69	74			8	
4	0	8			6.98.	1	0	0	30.29	71	71	69	74	b.	none.	10	
5	1	2			₹8.	1	0	0	30.29	71	71	68	74	ba.	cum.	9	
6	1	6			€.9€.	1	0	0	30.29	71	71	68	74	•		7	
7	1	9			88.	1-2	0	0	30.31	71	71	69	73			8	
8	2	0				1-2	0	0	30.32	71	72	69	73		circum	. 9	
9		2				2	7-10	0	30.35	73	73	70	73		stret.	9	9.
10	2	2				2	2	0	30.35	74	73	70	74			8	-
11	2	4				2	5.7	0	30.35	75	74	70	74			9	-
Noon.		4		1		2	2-3	0	30.35	-75	76	71	74			9	-

22.0 Dietaun nur by Log.	
Course and distance made good since preceding noon by observations, 16429.	23 knots. tenths.
(Latitude by D. R.	27 027 . 1. "
Longitude by D. R.	63 . 22 . 91."
Position at Noon:	27 0 421
Latitude by observations of ©	63 0 18, 94 "
Longitude by chronometer from Forenoon Observations of ©	27 0 43 N. "
Position at 8 A. M. Latitude by D. M. Jern Noon Longitude by Observation 0	
(Longitude by Observation O	63 07 9. "
Position at 8 P. M. (Latitude by S. R. Jan Non Longitude by Chenemeter from afternow observation o	27 033 . 4. "
Longitude by Churameter from afternow observation o	63 0 43 . 9/. "
Current during the time, 15 knots tenths per hour, setting to the Ju. 13 6	
Resistion Error of the Compass by Azimuth @ observed at 80 M., ship's head Q1. 1/9 9.	5.58 .94.
Deviation of the Compass by Azimuth @ observed at 80.96 , ship's head	3 027 %. variation used, 6 00 9.
Error of the Compass by Azimuth @ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	#00 gallons.
Water classified during the preceding 24 hours,	865 "
	2265
Water remaining on hand fit for use at Noon,	tons 23 20 lbs.
Coal consumed during the preceding 24 hours,	150 " 1030 "
Coal remaining on hand at Noon,	100 - 1000

PM																	
1	0	9	Habled is.	91 et . g.	\$ 6.	3	2.4	0	30.35	75	76	71	74	be.	Cir. cum.	6	Ph.
				,					30.35							6	
					9.98.				30.35	,							
4	2	8				2,	2-4	0	30.24	73	74	70	74	4		4	
				-					30.34						:	4	
									30.34						ar. atral.	6	
7	3	5	89.1						30.32						"		
			93.3						30.31						cis' aune	8	
			97.6		9. 6 8.	3	2.3	0	30.82	72	72	68	73		abah.	8	
			1.7		1				30.32								
			6.1						30.32							7	
			10.1	,					3032							7	
										1	1					1	

Will aperton.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Phidnight to 4 a.M. Severally clear and pleasant. Fight airs from E. F.E. to F. F.E. Barometer falling. Under toppgallhot scale, toppails, fit and for topmart stagnail, on course Obest. appendices at what. Distilling with banked free under boile B.

From 4 to 8 a.m. Shear and warm. Tight airs to light brees from FE. to E. FE. Ql 5 15 aent up royal yards and ook royals and consises. At end of watch under all plain sail to royals, except firing jit, aparker and engle neef in manual, or corner chest. Tratiling with banker from in ball 18.

n A Colman Ensign Ob. J. Ok. From 8 a. m. to merid. bleau, warm and at 9.45 the Captain inspected chip and crew as quarters. At 10.30 act aparties of directions and at 9.45 the Captain inspected chip and crew a quarters. At 10.30 act aparters main tripoid and main and migras toquaas staysals. At 10.45 eighted as two masted echonors braing about the standing to the visit and Ed. Filly on crew Thest (p. c) and at end of whether under all plans each to tripoid main tripoid, and man and migras toquaas staysals seraph frying jit and engle refid maineail. Apprenticles at the wheel sterring alife. Dietelling with free banked under 13th 18. Semperature of magazines 12th forward, 13th aft.

Jum Merid. to 4 P.M. Senther to the St. Supply of the strain of the Carthy cloudy and pleasant. Indicate authorized the St. and Old Old By only of Commanding Officer changed concer at 12.40 to Old by Inthe Old St. Spended at 12.40 to Old by Inthe Old St. Spended as the St. So change colors of an spended as the standard and the second as answer. At 2.40 pended a brigation of change colors of and not the St. and Ed. Displayed our colors and made International enginals of D. J. D. and B. P. O. Cerebrad no reply. At 300 art frying jet at end of intelligent under all and so with a singlet seef in the manifest Distilling with free banked under briter to Copyright and the manifest of Education and the while biles B. appention at the whil.

General Vi. F. W. Ohem 4 to 8 4.90. Clear and pleasant. Gentle been first I.F. at 6. 10 b. 40 per one patent log reading 87 b. Bright starlight back part. At class of witch under plans said to excel fore, main and miggen togenest starpails and man trypail, on course & by I. Distilling with banked free runder briles 16.

From 8 P. M. to Oride.

Seeing V. I M. South Secret Sent beau from I by E. Barometer steady. Under all acid except a exister received in maineail on conce O. by I. (p.c.) apprentices at wheel. Distilling with banked from made boths. frier underboles B. Roger Clalles Jr. Enugn a. F. M.

Examined and found to be correct.

J. B. Mo ilton, Navigator. Sientenant Q. S. M.

LOG of the UNITED STATES Thip Essey Third Rate, Oraking passage from Olewpork Q. I to Charleston S.C.

-			0	0	WIND.				BAROME	TUD	TPM	DED AT	TUDE			24	4
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.			Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	41	6 2	14.3	Ol. by 9.	F. F. E.	3	2.4	1/4	30.22	71	71	68	73	b.e.	cir eum	5	8
2	4	4	18.7	,		3	2-4	1/4	30.32	71	71	68	73			6	"
3	4	2	22.9			3	2.4	1/4	30.32	71	71	68	73			7	
4	4	2	27.1			3	2-4	1/4	30.38	71	71	68	73			6	
5	4	0	31.0			3	2	1/2	30.30	71	71	68	73			6	
6	4	0	34.3			3	2	1/2	30.30	71	71	68	72			6	
7	4		38.5		9. by 6.	3	3	1/2	30.29	71	71	69	72	4.3	strat.	8	
100	+	4	42.9		1	3	3	1/2	30.28	71	72	69	72			9	
9	5	6	48.5			4	3	1/2	30.32	71	72	69	72	"	-	9	
10	5	4	53.9			4	3		30.31							9	
11	6	0	59.9			4	4		30.32					"		9	-
Noon.	1		66.8			4	4		30.30							9	
1																	

	1		
99.1 Dista	ure new by Patent Log.		
Course and distance	made good since preceding noon by observations,	9.80° %.	97 knots. tenths.
	Latitude by D. R.		27 043 ·N. "
S. S	Longitude by D. R.		65001 194 "
Position at Noon: {	Latitude by observations of ⊙		27 027 . 1. "
	Longitude by chronometer from Forenoon Observa	tions of ⊙	65006,94. "
	Latitude by D. R. from Noon		2703511."
Position at 8 A. M.	Latitude by D. R. from Noon Longitude by Observations O		64036,94. "
,	Latitude by D. R. Lum Jom		27 0 16 W. "
Position at 8 P. M.	Latitude by D. R. from John Longitude by Chronometer from afternoon	Observation o	65049.21. "
Current during the	time, 17 knots tenths per-hour, setting	to the 1.17 94.	
Plan.	ss by Azimuth O observed at 8 Q.M., ship's head	91.3/49.	4 . 30, 94.
	npass by Azimuth O observed at 80.9%, , ship's		3 000 % variation used, 5 000
	ss by Azimuth ⊙ observed at , ship's head		, ,
	mpass by Azimuth @ observed at , ship's	head	o variation used,
	ing the preceding 24 hours,	3	400 gallons.
Water distill			715 "
	hand fit for use at Noon,		2580 "
	ng the preceding 24 hours,		/ tons 240 lbs.

P. M.	6	0	72.8	Ol. by 9.	South	4	8	3/4	30.30	73	74	71	73	b.c.	cir. um.	9	9h
2	6	7	79.5	04.8.04.3/4 04.		4.5-	7		30.30							9	
3	5	1	85.3	04.9.04.12 94.		3.4	7		30.30							8	-
4	6	3	90.6	,,		3-4	7	1/2	30.30	73	74	71	73			6	
5	5	2	95.8			3	7		30.30							8	
6	4	9	100.7			3	7	1/2	30.29	72	73	71	73		- 30	9	
7		1	4.7			3	5	1	30.28	,			1		1	4	
8		8	8.5			8	5-	1/2	36.28	72	73	71	73			8	"
9	6	4	13.9	Ox. 9. 0x. 1/4 Ox.	.,	4	5		30.28							9	.,
10	5	9	19.8		,	4	6	1/2	30.28	72	73	71	73	b. w.	none.	10	
11	6-	7	25.5			4	6	1/2	30.28	72	73	71	73			10	
Mid.		/	31.0	Q1. 8. Q1. 12 Q1.		4.5	6		30.26							10	

149 " 790

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.m.

Bright monlight. I mooth sea. At 2.0.00 eighted as back on jork bram about 3 miles distant heading to Ed. At end of watch under all plan sail to engals exapt engle reef in manual, all topmash staypails and main trysail, or course & by F. Distilling with banked free under biles B.

Onem # to 8 a. In.

Frair to clear and pleasant. Sentle beezes from I. F. and Fly E. This or course Oh. by I. (po) under same sail as in preceding water . appendices at the wheelsteering ship. Diltiling with five banked under briles B. The smooth bearing begus forward.

From 8 a. M. to merid.

480 Lieutenant U. J. M.

Will aperton.

Crew at quarters at 9.30. During 1st privat from 9 by 6. Clear warm and pleasant. Throoth are Trustered crew at quarters at 9.30. During 1st privat from 9.45 to 10.30 executed all hands at reform topsails. Cleura up light iails tooks ture simply neify thew as close neef in the topsails afterwards shooth get the reformation and made all sail except a single neef in the manusail. During in period, instructed 1st water at vails and space and 2st water at made and signals. Engineer department channed things! Quarter Brands of Towny, country and condemned this like it so was not of toy department and recommended by the statement of the thouse continued to the theory occurrenced to the theory occurrenced. meat now therew vertraid in accordance with the Brands recommendation. Braid began quartely examination of appendices. Appendicion at the whole Distilling with fire braked under boiler B. Designature of magazine 74° forward, 73° aft. Geor Col

From Merid. to 4 9.9m

Lieutenant Q. J. Or Elean and pleasant. Products to guthe buy few Forth. At 12.40 changed course to \$1.39 1/20.
At 1.50 took in main and onegon topmast stayacter. From 1.15 to 2.15 dicted 2nd watch at malinespecks and 3nd watch at malinespecks and 3nd watch at malinespeck and 3nd watch at gunny Form 3.30 to 4.00 dilled 2nd watch at helm had and by and 3nd watch at granastice At law of watch or course \$1.50 to 1.00 when said and for topmast stayacte and main topsail, unto a single rest in mainsail Distilling with balled for watch by Cappenterical whele.

Houtgoury M. Langlan Energy RU & D.

From 4 to 8 P.M. Securally clear and pleasant Stretce berry from Firsts. Ander all plain said to regale except a single rule in the mainsaid on course On I I had by appendices at what Dictilling with banked fire runder Baler B.

Roger Welles Jr. Ensign W. S. W.

From 8 P. M. to Midsight.

Clear and pheasant. Obodinate to stiff breys from Firstle At 11.0 clock fulled royale and street flying jet. Thom some at 11.15. At end of watch under all plane sail to triggelland saile enough a single neglini manusal, with main trypoil, on once Ob. I Ob. 12 M. Distilling with banked free under biles 15.

Examined and found to be correct.

M. S. Coloman Ensign Ch. S. M.

Lieutenant & J. Ch. Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Occupper a. S. to Charleston S.C.

-			1-1		U												
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	· Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	64	2						1						0	cir.		
1	4	7	35.7	Q. 9 Q. 3/4 Q.	Firstle	4	7	1/2	30.26	72	73	70	73	b.c.	cum stral	9	M.
2	5	3	41.0	M. by S.	-	4	7	1/2	30.26	72	73	70	73			6	4
3	5	5	46.5-			4-5	7		30.25					b.c. 1p.gr.	cum wind	1	
4	1 3	5	51.0	Heil g.	F. F. W.	4	7		30.26					b.c.		5	
5	4	0	55.6	01.3913/201.	,	4	5		30.26						ciri cum.	8	
6	4	2	59.2	91:391/201		4-3	5-		30.25							5	
7	4	6	63.8	. Q1.3/4 N.	g. ga.	4	5-		30.25						minb.	4	
8	4	1	67.9	Ol. 1/2 A.	9. g q.	4-3	5	1/2	30.27	72	72	70	73		13	6-	
9		1	71.0	Ot. ly 9.	gly W.	3.4	5		30.28						cir. cum	6	
10	4	0	74.1	Q1. 1/2 g.	0.	3.4	5		30.27					. 2		5	
11	4	2	76.0	Of. 1/2 St.	9.9.01.	3.4	5		30.27					- 10		7	-
Noon.	4	0	80.0			3.4	5	3/4	30.27	74	74	72	73			6	-

117.4 Dista	uce our by Patent Log.	
	e made good since preceding noon by observations, \$ 792 04.	117 knots. tenths.
	Latitude by D. R.	117 knots. tenths. 27 °03 ' N. " 67 ° 04 ' N. "
Position at Noon:	Longitude by D. R.	67 0 04 " 94. "
Position at Noon:	Latitude by observations of ②	27 ° 05' N. "
	Longitude by chronometer from Forenoon Observations of O	67° 15' 04."
	(Latitude by D. R. from Norm.	27°05'N."
	Latitude by G.R. from Norw. Longitude by Observation O	66050'9%."
D. W D. W	(Latitude by D. R. from Now (Longitude by Chromother from afternoon absention O	27 °03 'N. "
Position at 8 P. M.	Longitude by Chronometer from afternoon absention o	670 44 · Ok. "
Current during the	time, 10 knots tenths per hour, setting to the Jy 780	%.
	ass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 " "
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended du	ring the preceding 24 hours,	406 gallons.
Water distills	during the preceding 24 hours,	620 "
Water remaining o	n hand fit for use at Noon,	2800 "
Coal consumed dur	ing the preceding 24 hours,	tons /520 lbs.
Coal remaining on	hand at Noon,	158 " 1510 "

						1											
P. M.		-			-0 -			,							cir.		
1	3	9	83.9	Ox 3/4 Jr	9.99	3	5	1/2	30.28	74	75	72	73	b.c.	cir. um.	. 8	M.
2	2	6	86.5			8	5	1/2	30.26	75	75	73	73			9	
3	2	1	88.6	Ol. 12 N.		2	5-	1/2	30.25	75	76	73	70				
			88.6			2.	5	1/2	30.24	75	76	73	73				
			90.4	,,	Fly W.										cir cum.	6	
			91.0	Q1. ly St.										beg. p.	rusil.		
			91.0	90%. by 8.	North.									1			
			92.9	વા કેષા			5.4	0	30.27	73	71	70	73	. \			
			Hauled is		AG. by JV.		5.2		30.29						am muit		
							5.9							0.0.9.			
							5.9										
Mid.	5	0					5.9										
	1					-	,				'		'				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

bleav to fair frish two hours. Light passing naw aquall from F. I.M., cleaning away last home. Oncounts to stiff buy from South. Concer R. III & (gc) Thip eterning full and by on port tacks under jet, for tograch stayail, topgallant sails topsails, foreall, emight respect to mains toyail and expendent. Thought distilling at 12.10 and allowed from to die out under biler B. apperentices steering ship. W. Klaperton.

From 4 to 8 a. In.

Lieutewant Dr. J. M. Moderate to gentle breeze from Suth, vering to I. I. W. blondy with heavy rain equally on howing to Id. Rainbow we eight to All at 720. Opposite early from I'd. and Old. Gull and by on york tack under same sail as in preseding watch. apprentices at the wheel.

From 8 a. On. to Merid.

Geor Rollack,

blear and pleasant. Gentle to moderate breeze from I by I to I IN. At 9 30 mustered at quarter and afterward had battalin diell till 10.45. Demperature of magazine 75° forward and 73° all. A close of watch by the wind on port tack under plain sail to top allow earls, for topmer staypail and main trysail, with a single next in the manuail. apprentice at the wheel.

Morleymery to Berylur

From Merid. to 4 P.M. Chendy. Sentle to high brees from F. 90. Barometer falling apprehense where instructed as follows: the first writch mailineapolic, callmaking and expails from 1.15 to 2.15; genery from 2.30 to 3.15 and gymnetici from 3.30 to 4.00; the third heatch early and apare from 1.16 to 2.15; genery from 2.30 to 3.15 and gymnetici from 3.30 to 4.00. At 1.00 are orgals and flying jit. We 1.38 closed up main toggallant sail and orgal, knowed toggallow or the cap and over off our toggallow bollows, making sail immediately afterwards. At each of watch under all plain sail to royals, with angle usef in mainsail by the which on the port tack. Some O. P. O. (I) apparatici at the which Braid constants of Exercisis Office. Daught and Odunus Officer engaged warmining apparaticie.

Roger Weller, h. Orem 4 to 8 J. M. Squally and thurstung with showers of rain at time. Fight begy from I by It first two hours shifting to moderate to stiff buy from North Bowmeter rising. at 6 o'clock fund high scale, took in maincail. main trysail and aparter and took tue single refs in therein and headed off to I. I & to shift of und fumb of the Ab 40 at manual 24 7.00 est sparker and main trysail 24 end of watch under jet, for Egenal staypail, tograils with two anigh reefs, foreail, enigh reefed married maintypail raid sparker, in course & & &. n. J. Coleman

Ensign W. J. M. Dum 8 J.M. to Mid Song and rough ently from Not and Ed. This rolling deeply and frequently; extreme well to mindward 192 to Seeward 26: A q 10 took in againer. I his or concer I I I and at end of watch under some and so in preceding watch everyt aparter Bouentles vieing slowly. appendicio at the whel steering ship. Willaperton. Examined and found to be correct.

Leitewant U. J. ON. J. B. Meillow, Sa. Navigator. Lieutenaul & Sa.

LOG of the UNITED STATES Phip Essex Thered Rate,
Waking passage from Occupant R. D. to Charleston S.C.

	310	un	ung.	passage fr	in recipes				4	inu	- Co	are.					
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			Hear the.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	41	y															
1	5	2	92.0	Q. 3 Q.	1. E. by 1.	6	5-10	0	36.35	69	68	67	73	0. m.	minh.	0	R.
2	5	4	96.0			6	5-10	0	30.35	69	68	67	73		.,	0	
3	5	2	1.1			6	5-10	0	30.38	68	67	66	73			0	
4	5	4	1.2			6	5-10	0	30.39	68	67	66	73			0	
5	6	1	I auled in		N6.	7	5.15		30.39					0.0.	cum. ruin	40	
6	6	3		,,		7	5-20		30.38						"	0	"
7	5	8							30.40					,,		0	
8	6	4							30.40							0	
9	4	6	1.1	Of est.		1			30.40				1000			0	
10	6	7	7. 7						30.40							0	
11	7		14.9		NE. by E.				30.40							0	
Noon.	7		21.3						30.40							0	-
	,																

		the state of the s
124.5	Dietauce run by Log.	
Course and distant	te made good since preceding noon by observations, \$.66.0%.	/35 knots. tenths.
	Latitude by D. R.	26° 26' N. "
	Longitude by D. R.	69°32'94."
Position at Noon:	Latitude by observations of ②	260 11' Nr. "
	Longitude by chronometer from Forenoon Observations of O M	o observation "
	(Latitude by D. R. from Norm	26 0 31 1 1. "
	Latitude by D. R. Jum Norw Longitude by M. R.	68 0 51 94. "
	(Latitude by D. C. from Som) (Longitude by Chrowmeter from afternoon observation)	2602111."
Position at 8 P. M.	Longitude by Chronmeter from afternoon observation	70 039 . 91."
Current during the		. ,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended d	uring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	
Water remaining of	on hand fit for use at Noon,	2400 "
Coal consumed du	ring the preceding 24 hours,	tons —— 1bs.
Coal remaining on	hand at Noon,	158 " 1510. "

P. M.																	
1	7	3	28.6	Orest.	16. by 6.	5.6	5.9	0	30.40	69	69	66	78	0.0.	cum amil	0	R.
									30.40								
3	5	9	35.5	Ox. NOL.													
4	7	4	50.3	"												0	
			57.4						30.38								
			64.5						30.38							0	
7	7	4	71.9						30.40								
8	6	8	71.9			5-6	5-18	0	30.40	69	69	66	74			0	-
9	7	2	85.9			6	5-20	0	30.40	69	69	66	74			0	
10	7	0	92.9						30. 40							0	
			100.0						30.40							0	
Mid.	5	7	6.7		6.46.				30.40							0	

Gen Robant,

Ensign Q. F. N.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 W. M.

Errek brezy from N. E. by N., etandy in frow and devotion. Overcast and miety. Rough son from Nd. and Ed. This wolling at internal deeply but early. Put were patent log at (15 rading 92. and hauled it in at 3.50 reading 12, for with sea und. On once Ol. 34. under jet, for topmast stagail, main trypail, foreall, double respect topeacle and angle respect manuail. Apprentices at the wheels.

Promu 4 to 8 a. m.

Oricaet and clody Light eficie of rain serval times. Stiff breys from No. This rolling deeply at times to rough also from No. Praymum roll 35° to lesward 25° to undersud. At 5 00 took. in main tripail. Baroneta vieng at clase of watch on concer O. I. O. weden double reput topsails, forward, enigle reefed maniail, for topnach staysail and jit. appentices at wheel. They be

From 8 a. On. to Merid

Orward and cloudy. Fresh buys from NE to NE by E Bacometer stendy. At 8.45 changed course from Dr. F. Dr. to Orist (pc.) At 9.50 abook the refe out of the toppails and mainsail, and hauled down for topmand staysail. Itrestest not to poor was 50°. First watch dilled at madencepite economistic, endmaking and egone and the second watch at early and epoce from 10.45 to 11.45. Appentices at the wheel Desuperative of magazine 74° forward 74° aft.

Koge Wellis Ja Orom Merid to 4 J.m Our cast and cloudy. Fresh beeze from I/6 by 5. to I/6 at 2.10 o'clock changed concer from their to the No. 10 patent log reading 37. Tounded calle for dille as fellower. from 1.15 to 2.16 frich watch vaile and expans seemd natch mainly pick, calendaring, signale: from 2.30 to 3.15, frich watch gunney; 2 th watch gunney; from 3.30 to 4.00 fried watch below Idad and log. Promped belges dry. At end, of watch under topicale, once and jet, or course to the Congle sea from 1.65. Praymous well 35.

Show 4 to 8 V. M. Chudy, threatening and disagneedle weather. Itiff to freeh beeze from N.E. By E. Pongh are from No. Phip willing deeply and frequently; Estreme well to windrand 142, to become 262. They on worse O. N. M. (pc) under same and as in specialing writch apprentices at the whal.

Be Trentemant M. J. W.

Examined and found to be correct.

J. B. Me illing, Navigator, Lieutenant Q. F. W.

n. J. Coleman

W Kaperton

Lieutenant U. J. W.

LOG of the UNITED STATES

OG of the United States Ship Essel Third Rate, Okaking passage from Chewyork a. et Charleston S.C. Direction by Standard Compass. 6. 16. 94. 1. 24. 5-65-10 0 30.41 70 70 67 76 0.0. 6 5 12.2 5-6 5-10 0 30.42 70 70 67 76 5 7 17.9 E. ly N. East 5 5-10 0 30.42 70 70 67 76 O.e.d. 4-5-5-10 0 30.42 70 70 67 76 5 5-10 0 30.40 70 70 68 75 5 5-15 0 30.38 70 70 68 75 be.p. 4 5-15 0 30.38 70 70 69 75 4 5-15 0 30.38 70 70 69 75 3 4-5 5-15 0 30.40 72 71 70 75 4-5 5-15 0 30.41 72 71 70 75 10 5 8 22.8 4-5-5-15 0 30.41 72 71 70 75 0 28.8 98. 4-5 5-19 0 30.39 72 71 70 75

153.1 Dist	auce rum by dog.	
	the made good since preceding noon by observations, J. 749 W.	168 knots. tenths.
	Latitude by D. R.	26°53 'Sr. "
	Longitude by D. R.	72010 194."
Position at Noon:	Latitude by observations of ②	26°59' N. "
	Longitude by chronometer from Forenoon Observations of ⊙	72 036 191. "
Desition at 9 A M	(Latitude by D. R. from) Norm	26 ° 48 'M. "
		72011 194. "
Desision at 0 D M	(Latitude by D. R. from None	27°27'N. "
Position at 6 P. M.	Latitude by G. R. from Nome Longitude by Checomometer from a fluorone observation o time, 27 knots tenths purhour, setting to the	73 0 33 191. "
Current during the	e time, 27 knots tenths per hour, setting to the	1.772 %.
Error of the Comp	ass by Azimuth o observed at 4. 40 9% ship's head & W. ly W.	4°03'%.
Deviation of the C	ompass by Azimuth ⊙ observed at 4.40 @M, ship's head	2 °03 'W. variation used, 2 °00 'W.
Error of the Comp	ass by Azimuth O observed at , ship's head	0 . 1 . 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended di	uring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	•
Water remaining o	on hand fit for use at Noon,	2000 "
Coal consumed dur	ring the preceding 24 hours,	tons 480 lbs.
Coal remaining on	hand at Noon,	148"1030 "

P. M.			38.4	%. s											cir.cum.		
1	4,	6	40.4	J. S. Ly W.	98.	5	5-15	0	30.39	75	75	73	75	b.o.	steat.	6	a.
2	6	5	46.5	,					30.39						-	6	
			54.1		9.98.				30.39								
4	7	7	61.8		8 ly E.				30.39						-	7	
			69.4		South		8	0	30.37	75	75	73	73				
6	7	9	77.3		9.994.	5.6	8	0	30.36	74	74	72	73		sumb	4	
			80.8			5.6			30 35					0.0.	cum wint.		
8	6	5	87.9			5			30.35							0	
9	5	D	92.5		Sol.	5	6		30.27					0.0.9,		0	
10	0	8	92.5	4. 8. 64.	9.99. to N.W.				30.20					OON.	"		
11	0	5	Harlet in	8%. by 9.	101.	5.3			30.20					0.0.1.	"	0	
				9.98	Ot est.	. 3			30.19							6	-
						1			1		'	1					

, U. S. Navy, , 1894.

Roger Welles Jr.

Gusign U. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Overcast and cloudy, drighing at intervals last two hours. Moderate to fush bruze from E. N.E. to East all close of watch on course, N. N. N. under topsails, jit and courses.

Orone 4 to 8 a. On.

Marteymery M. Laylow Oneign U. J. W. Cast. at 6 15 set topgallant soils and royals. At end of water under all aguar and and jet, on concer & A & (Spe). appendices at wheel.

From 8 a. M. to Merid

Ensign W. J. W. bloody with occasional light passing equalls of rain. Moderate to stiff bery from & 96. at 96. at 9.40 took in royals to aguall and set them again at 90 clock. at 930 mustred at quarter From 9.45 to 10.30 had drill as follows: 1th watch, instruction in ordinare; 2nd watch mailingspecks, collowsking and signals. From 10.45 to 11.30, 1th match below, had and log: 2nd watch, mailingspecks, collowsking and eignals. At end of watch rinder will equal cail to eight and jet, on conser to. N. N. Rough star from N. E. Phip willing inside able; maximum with 18.2 at 10 to the four form potent log reading 22.8 at 150 clock hauled it in fund it foll; cloud it and just it me again and in 33.9. O emporation of against we have a the reading 33. 9. Desuperature of magazine 74° forward, 74° aft. n. V. Colman

Quom Merid. to 4 9.00.

One of the work of the color of the place of the color of

From 4 to 8 9.9W.

Present to etiff been ruing from Furth to F. F. Dair first half, remark last two home. Onoderate rea. For in main and miggo typenest stay all at 6.00. We use of watch under all plain acil to eggle, except flying jel . Hrauled in and clearly patent by leturen 7.00 and 8.00. appendice at the

Jum 8 J.m. to mid. and glordy and rawing book there bourse. I suite to fresh breeze from I. I. W. , A. W. and Obest. Ob 8 45 swind alittle to I V. and took in royale, tograllant sails, manusail and aparker. Al 9 20 2000 to The graph at 9 5 took in forwire, for topinil, jit and claruful main topiail; hauled not main trypail. Aclore how to on starband tack under main trypail. Aclore how to on starband tack under main trypail, claruful main topiail and for topinas stargail.

Examined and found to be correct.

Modernery M. Mayber Ensign & S. O. . B. Milton Lieutewant U. S. &

REL

(9n	ale	ing .	passage 1	from George	urt	ã	ી	to	6	ha	ele	ator	w 9.6			
			Reading		WIND.				BAROMI							Tear ths.	Sea.
Hour.	Knots.	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Porms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A. M.	66-	3															
1	Says	in to	Hauledin	W. by 9.	N. N. W.	3-4	5-13		30.19	68	67	67	74	0.0.2.	minib.	0	M.
2				West.	N. ly 94.	3-4	5.13		30.19	68	67	67	74	"	-	0	
3				Ot. ly St.	North	3-4	5-13		30.20	68	67	66	74			0	"
4				W. F. 24.	N.NE.	3-4	5-13		30.20	68	67	66	74	"	,	0	
5			7	N. W. by W.		3-4	5-10	2	30.18	68	67	65	74	0.0.	cum ruil	0	
6				W. N. W.	North	3	5-10							0.c.w.		0	
7			96.9		Aly E. to South	4	5-10	1/2	30.19	69	68	66	74			0	
8			1.1	A Dr. by W.	N. N. E.	4-5	5-16	1/2	30.19	70	69	67	74	0.c.d.		0	
9			6.2			4-5	8		30.24						-	0	
		2		Ot. N. 24. 12 96.	Sorth	6	5		30.28							0	
		0			Aly E.	4-8	5		30.30							0	
Noon.			17.8	1.91. by 94.	N. N.E.	3.4								0.0:0.		0	-
Noon.			17.8	Willy W.	JV. JV 6.	0.4	•	12	30.32	67	66	64	75	0.0.0.			0

99. 6 Dist	tause new by Log.		
		169°9. 97knots.	tenths.
	(Latitude by D. R.	27 ° 34 ' N.	"
	Longitude by D. R.	74017 .04	"
Position at Noon:	Latitude by observations of ①	N 69 2 W. 97 knots. 3.7 ° 3.4 ' N. 7.4 ° 17 ' W. 10 observation ° ' • No observation ° '	"
	Longitude by chronometer from Forenoon Observations of	· No observation o	"
	(Latitude by D. R. furm Norm) (Longitude by D. R.	27 ° 30 ' N.	"
Position at 8 A. M.	Longitude by D. R.	73056'%.	"
	(Latitude by D.R.	73° 56' W. 27° 42' W. 74° 32' W.	"
Position at 8 P. M.	Latitude by D.R.	74032194	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o
Error of the Comp	bass by Azimuth O observed at , ship's head	0 ,	"
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o
Water expended di	uring the preceding 24 hours,	400 g	allons.
Water	during the preceding 24 hours, .		*
Water remaining o	on hand fit for use at Noon,	1600	"
Coal consumed dur	ring the preceding 24 hours,	tons 480	1bs.
Coal remaining on	hand at Noon,	148" 550	4

P. M.																
1	2	0	19.6	Solly W.	JrE.	3-2	5	3/4 30.27	68	65	63	75	D.c. d.	runit.	0	ON
2	2	2	19.6	.'		3	5	3/4 30.25	68	66	64	75	,		0	
3	a	0	20.1			3	5	3/4 30.24	67	65	63	75			0	Ver
4	2	5	21.2			2	5	3/4 30.23								
5	1	6	22.8		74	1	5	1230.23						minh stead	0	
- 6	0	5	23.3		NE. to 6.18	0-1	5	1 30.23							0	
7	-1	6	23.4	.,	JE.	1		3/4 30.23								
8	1	4	23.4			1-2	5-	3/4 30.23								
9	2	0	23.4		*	2	5	1230.25								
			Harled in.			5-6	8	12 30.26	68	64	64	75	0. C. Q. Q.N.			-
			"				8-10	1/2 30.27	68	64	64	75-	0.0.0.	"	0	
Mid.	5	8			16. by 1.		8-10	1/2 30.28	68	64	64	75	b.c.			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

midwight to 4 a.m.

Overcast and rainy. Is ently to moderate breeze from N. V. W. to N. N. 6.
Lying to under fortogeness staysail, close reflect topsail and trysail on starband track, until 0.46when set jit and eparteer at 4.00 came to concer N. V. J. Y. G. apprentices at wheel.

Grow 4 to 8 a. On

Roger Welles Jr. Ensign Ou S. M.

Overcast with light rain at times. I settle to stiff breeze from North to N. No. At 4.30 loved and set concer and at 6.30 made all plain sail to topgallant sails and took in main trysail. At 6.20 pert one patent log reading 94.3, hauled it in again at 8 and found it fall, cleaned it and just it now again reading 1.1. At end of water under all plain sail to topgallant sails, on course I Ob. by Ob.

From 8 a. m. to merid.

n. J. Coleman We Eurign Qu. J. M.

From 8 W. M. to Merid.

Overless, cloudy and rainy, Fiff to gentle breezes from I NE. backing to North and hauling to N. NE. hat lud of watth. The module from Nid. At 9.30 milled the generic.
At 9 46 und to glound guartee and serviced cur until interrupted by rain Omitted the periods of interruptived during watch in account of rain. Tested magazin and shell now flood each general found them in working bodie. Darmite neing shops, Physic course N. N. D. M. (20) I terring full and by until least how when strend course; under solur as I send of pereshing watch. appendice at wheel to was a fine of the December of magazine 14° found 14° 41. steering ship Demperature of magazine 742 forward, 742 aft.

W. L. Caperton

From merid to 4 P.m Scutle to light breeze from No. Overeach with criticular drizzling rain. They would all dills on account of hains wather Tet the royals and main and myslu topenach staymels at 2.45 and the flying job at 3.15. We end of watch while fore, main and myslu topenach staymels and all plain sail to region appoint at the while.

From 4 to 8 9.9m.

Overcast and driggling at times Frequent rain equall to Not along horizon balm to light breeze from & No. and No. at 4.35 took in royals and flying jet and at 4.45 took in main and muzew topmark staypails. At close on course N. D. by W. under plain sail to topgetlant sails with for topmark staypail. appendices at wheel.

Moderney the "engles-

Ensign W. F. W. From 8 F.M. to Mid. Occased and raining frick two hours, cleaning last hour. Flight to stiff been from NE. to NE by N. Bavonete riving. Photos all plain sail to topgallant sails, on conne N. By N. Gr. apprentices at wheel. Harde in the patent bog at 9.00, hing field with sea word, reading 23.4.

Roger Chelles In Ensign Qi. J. Mr.

Examined and found to be correct.

Lieutenant V. S. W. Navigator.

LOG of the UNITED STATES

83. 2 Distance run by Patent Log.

OG of the UNITED STATES Philip Essex Philo Rate, Making passage from Newport Q. S. to Charleston, F.C.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			Bear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	34									,	,.	,		,			
1	4	5	Houled in	Jb 94. by 94.	16. by N.	3-4	4.6		30.32						cum simil	. 4	Me
2	4	0			N. S. E.	3.4	4-6	1/2	30.33	68	66	63	75	- "		5	
3	4	0	23.4		4	3-2	4-6	1/2	30-31	64	66	63	74			6	
4	*		28.3			3-2	4-6		30.30							7	
5	3	1	31.9			3	5		30.3/						cum.	9	8
6			35.5	N Ot. by Oh. 1494.		3	5		30.31						cir. curu.	7	
7		5		7		3	5		30.32							8	
8			44.3	J. Ol. ly 94.	NE. by S.	3	5		30.34							3	
9		6	48.9		0	4	5.7		30.40						stral.	5	
10			52.7			4	5.6	1/2	30.40	68	67	61	75			9	
11	3		55.9		NE. ly E.		5		30.40							8	
Noon.			59.4	-	. 1	3-4	5-	1/4	30.40	70	69	64	75			7	-

70 knots. Course and distance made good since preceding noon by observations, Ju 8/29. 28 ° 10 'N. " Latitude by D. R. 75 0 40 '94. " Longitude by D. R. Position at Noon: Latitude by observations of O 27 0 45 . N. " 75 036 94. " Longitude by chronometer from Forenoon Observations of ② Position at 8 A. M. Latitude by D. R. Jum Som 270 381 1. 75020 94." Position at 8 P. M. Latitude by D. R. Jeon Nomi

Longitude by Electronic forwards for all trens of the struction of the struction of the structure of the struc 280 14 1 1.11 760 17 94. " Error of the Compass by Azimuth @ observed at 7. 200.8, ship's head & W. by W. 008.6 Deviation of the Compass by Azimuth O observed at 7.200.7%, ship's head 3049'94. variation used, 0 ° 00 Error of the Compass by Azimuth @ observed at 6:30 Pm ship's head N 94. 1000 6 " 20 11 Oh. variation used, 0000 Deviation of the Compass by Azimuth O observed at 5.30 Phu, ship's head ... 450 gallons. Water expended during the preceding 24 hours,

during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1150 tons 400 lbs Coal consumed during the preceding 24 hours, 148 " 150 Coal remaining on hand at Noon,

1	0 4	5	59.9	19.69 %.	No 6. by No.	4	7	1/2	30.41	71	70	64	76	b.c.	cir.cum.	6	9
			69.6				7		30.41	1.							
			74.9		1.	4	6	1/2	30.41	71	69	64	76			8	-
4	4	5	79.4			3.4	5	1/2	30.42	71	69	64	76		cir.cum.	4	
5	4	4	83.8			3-4	5	3/4	30.40	70	69	68	76		cum.	4	
6	5	3	89.1			3-4	5	3/4	30.38	70	69	68	76			7	
7	4	3	93.4			3-4	5	3/4	30.37	70	69	68	76			7	
			95.5			3	5	3/4	30.36	69	68	67	76			7	
9	1	7	97.2		16.	1-2	5	1	30.38	69	68	62	75			7	
10			98.8			1-2	5		30.40							9	
11	1	0	99.6		N G. by 6.	1-2	5	1	30.40	69	68	62	75		"	5	
Mid.	3	0	2. 2		6.16.	1-2	5	1	30.40	69	68	64	75	,		7	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chickwight to 4 a. M. Fartially cloudy and pleasant. Onoderate to light breeze from No & by S. to No & More new all 2.30. At each of watch under all plain sail to toppgallant sail on course No by M.

Drow 4 to 8 Q. ON.

Chear to fair and pleasant. Gently breezes from N. N. E. and N. E. D. N. E. Bourse N. D. Ly D. Ly D. Low set royals and flying fit. A said of watch ship on her course under all plain said to royals on starbrard tack by the wind. Apprentices at the while. Two rows of S. 45. Sea smooth.

From 8 a. m. to Merid.

Moderate to gentle been from N.E. by N. to N.E. by E. Fair and pleasant. Imorth sea. Tel main and migen topmast staysails at 9.00. Cheaned port forward water tank. At end of water under fore, man and mujen topmast staysails and all plans soil to soyale. Appendicio at the what I superature of magazine 174° forward, 74° dft.

From Merid to 4 P. M. .

Chav and phasant. Producte to gently brezy from N.E. by N. at 1.00 called appuntice divisions to quarters and inexpected bags. at 1.30 cighted schomer to N. d. at according to N. d. 1.00 called at 1.00 changed course to N. M. spotent log 59.9. At close under for main and miggar topmast otapails and all plans sail. apprentices at the wheel.

Monkymung & Singler Ancient of the Monkymung & Singler & Eneign W. F. W. Secretary Charles & Such & Secretary Charles & Macometer falling. At 6. 15 took in engals, flying jet main and migger topmast stangails. At each of watch, under all plain eail to topgallant eails on concer NM (g.o.) appendices at whal. Pumped out the skip at 5.30.

From 80 m. to Mid.

Facility cloudy and pleasant. Eight airs to light brees from N. E. to E. N. E. at end of writer under all plans sail to toppallant scale with four topment stayuals in course I'M.

Motoroud Sin Sin Fine

N. R. Coleman

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Newport R. I to Charleston, Il.

-		-	U	0 0	0				T							2.	ź
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.				Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.		7 6	3.5	Su ON.	E. by N.	1-2	3-6	0	30.41	69	69	63	75	b.c.	cir.cum	6	9.
2	1		3.8		9	1	3-6		30.41							5	
3	1		3.8		South	0-1	5-	0	30.41	69	69	63	75			7	
4	0	5	3.8			0-1	6	0	30.41	69	69	63	75			6	
5	0	6	4.0			0-1	5	0	30.40	69	68	63	74			6	
6	0	5		Otel	9%.	0-1	5	0	30.40	69	67	63	73			6	
7	0	5		. A.W.	balm.	0	5	0	30.40	69	67	63	73			7	
8	1	2	-	N. W. L. A.	South	0-1	5-	0	30.40	70	68	63	73		-	8	
9	1	0	Floreled in	No.		0-1	0	0	30.40	69	67	63	73			8	
10	1	0				0-/	0	0	30.40	71	69	64	75		,	8	
11	1	0				0-1	0	0	30.40	73	71	65	75		-	8	
Noon.	0	5				0-1	0	0	30.38	73	71	65	75			8	
130.00												-					

53. 7 Dietauce nur by Log.	
Course and distance made good since preceding noon by observations, Ju 55° %.	6≠ knots. tenths.
Latitude by D. R.	28 0 26 · N. "
Longitude by D. R.	76 031,94."
Position at Noon: Latitude by observations of ②	28 022 1 1. "
Longitude by chronometer from Forenoon Observations of ©	76 030 194. "
Position at S A.M. Latitude by D.R. from Norw	28019.1."
Longitude by Suntulule	76029 . 04. "
Position at 8 P. M. Latitude by S. N. form Norm	28 026 . N. "
Position at 8 P. M. (Longitude by Chummeter from afternow observation)	76 034 . 91. "
Current during the time, 4 knots tenths per hour, setting to the 9.13 6.	
Error of the Compass by Azimuth @ observed at 7300%, ship's head No 94. by N.	00/506.
Deviation of the Compass by Azimuth ⊙ observed at 730 Q.M., ship's head	2 · 08 · W. variation used, O · OO
Error of the Compass by Azimuth © observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	450 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	700 -
Coal consumed during the preceding 24 hours,	tons 560 lbs.
Coal semaining on head at Noon	147 " 1830 "

P. M.		6	Hauled in	NO4.	96.	0-1	5.7	0	30.37	75-	73	66	76	b.c.	cir. strak	9	9
2	0	6			6.96.				30.37							9	
3	1	0		A	East		5.7		30.38							9	-
4	1	0			"	0-/	5.4		30.89							9	
5	0	8			6. 18.	0-1	3		30.39						civ.cum.	9	
6	0	8							30.39						,	9	
7	0	8					3		30.39						stist	5	
8	1	0			9.96.	0-1	3.6		30.39							7	
9	2	0			South	1	3.5		30.32							8	
10	2	0				1-2	3-5		30.32			1				9	-
11	3	2,							30.30							9	-
Mid.	2	9			_				30.29							g	

, U. S. Navy,

, 1894.

W. B. Caperton.

genellack

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

midnight to 4 a. m.

Dais and pleasant. Fight airs from 6 by b. first two hours having around to Forth. At 10 clock took in spanler At 30 clock brased around and hailed up port clew of mainsail. Comes In (pe) At end of watch ship under all plain each to toppallow each and for typnash staypail, except spanler and wrather clew of mainsail. Appentices at the whel. Those rose at 3 20.

From 4 to 8 a. m.

Lieutenant W. J. W. Calm to light sine from IV. and Porth. Fair, warm and pleasant. I mooth sea. Set the royals at 7.15. At sud of watch under from topmast staypail and plain sail to royals except flying jit and spanker. Appendixin at the wheel.

From 8 a. On. to Onerid.

(N arm and clear. balow to light airs from Footh, alg so mustered at quarters and ship and crew were inspected by Commending Officers. There was a attocker for the Forement of the Nay and had seened Muster its 9 to airsted straws to bit standing to Feb. British many, and also made J. B. Or. D. at close of watch under for trymach stayinal and all plans sail. Come No. Femperature of magazine 73° forward, 73° aft.

From Precide to 4 900.

Bleav and warm balms and light airs from FE. to East. Barometer riving. Pendar all plain said to rayels everyl eganter, on course N. M. apprentices at wheel.

Roger Welles h. Ensign U. F. M. Drow 4 to 8 P. M. .

Cartially cloudy and pleasant. Light variable are from E. N. E. to F. F. E. abend of watch under all plain sail to royald except againer, and with for topmach staysail, or course N. M.

Jum 8 P. M. to Mid.

no Ensign W. J. W. Creign U.S.M. Sught starlight . Flip or lev course I V. (pr.) under for topmark stay and all plans soils to enjet except flying jit and aparker. Appendice at the while. Burnets felling alwey.

W. Seitenant Ou. J. M.

J. Corman

Examined and found to be correct.

J. B. Me illere, Navigator. Leutenant & J. R.

LOG of the UNITED STATES Thip Essex Phird Rate, Making passage from Rewyord R. J. to Charleston, S.C.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Othe.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.	16 3	7,	4.0	Ju W.	9 W. by 9.	3	5	0	30.28	71	70	66	76	b.c.	circum.	8	9.
	2		6.7			3	5	0	30.28	71	70	66	76		-	8	
		5-	9.2		99. by W.	3	5		30.27				100			9	
	2		11.9			3	5		30.24					в.	none.	10	
	3	1	15.5	J. W. 14 Nr.		3	3		30.27					b.e.	cir cum	6	
	4		19.6	N. N. St. 1/2 St.	Q. ly F.	3	3		30.26							5	
	3		23.4	N94:12 N.	994. ly W.	3	3		30.26					"		6	-
8		6	28.0	N96.		3	3	1/2	30.24	71	71	68	71		-	5	
9		6	32.6	N %: /2 N.	04.904.	3.4	5	1/2	30.25	72	69	69	71			6	
10	4		37.2	NO4. by 04.		3.4	5	1/2	30.22	72	69	69	72			7	
11			41.1	N. N. Gr.	Vr. by J.	3.4	4	1/2	30.22	72	69	69	72			8	
Noon.		1.0	46.2			3.4	3		30.21						none.	10	

62 .0 Dietaun run by Sog .	
	5/ knots. tenths.
(Latitude by D. R.	29 0 08, 1."
Longitude by D. R.	77 . 09.96. "
Latitude by observations of O	29 08 N. "
Longitude by chronometer from Forenoon Observations of ②	76054,94. "
Position at 8 A. M. Latitude by S. M. fund Norw	280 521 1. 11
I sometinda her Thelas continue U	76044.94. "
Position at 8 P. M. Latitude by She human from afternoon observation of Common Position at 8 P. M. Congitude by Chemometer from afternoon observations	29014 1. "
Longitude by Chimmeter from afternoon observations	77014 94. "
Current during the time, 13 knots tenths per hour, setting to the Sast.	
Error of the Compass by Azimuth @ observed at , ship's head	0 '
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	4
Water remaining on hand fit for use at Noon,	300 "
Coal consumed during the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand at Noon,	147 - 1430 -

P. M.															çir.		
		1	\$2.3	N. N. W.	C4. by 9.	4.67	5	1/2	30.20	72	72	68	72	b.e.	cir. cura.	9	9.
			59.0	Js:12 04.	West.	4-5-	7		30.16								
3	6	3	65.3			4.5	7	1/2	30.15	71	72	67	73		1	7	
4	8	2	68.5	J. NE.	Jet.	4-5	7							begg.	cum.	5	
			73.0	991.3/4 04.		4.5-	7		20.13						cir cum. cum. cis. cum. atias.	8	9/4.
			76.6	9.04. by 04:14 04.	NOL by N.	5-6	7		30.13								
		4			NOW by A.	5	5		30.13							8	
				904. ly 04. 3/4 04.	Jr. N. 94.	5	5		30,14						steat.		
						4-5			30.18								
			76.6	Qu. 5/4 ss.	North .	4-5-	6		30.20						cum dest		
			78.6	Ot. by N.		4.5			30.21						cir. cum.		
			78.6	19. ly 04. /2 04.	J. N 6.	4.6			30.22								

, U. S. Navy,

, 1894.

Oreign W. J. W.

N. J. Coleman

W. D. aperlow.

2002 Leutenzut M. da.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sentle breeze from FOV by I first two hours vering to FOV by N. last two Daw and planaant. Blight starlight. Forostle era. Thom were at 4.00. Let ejenhe at 2.30. At end of water water for topmach staypail and plane sail to vegete everyth flying yet. Appendices at the whist.

Fune 4 to 8 D. M. Leistevant Romlight friet how. Bentle bery from 4 M. J. M. and Ph. Ly J. and Ph. Ly J. M. Ly M. and Ph. Ly J. Ot wide baffling friet two how. Ot 700 cst flying jit. At class under for topmark stayoul and all plane sails in course I. M. appendix is while Passed much gref weed.

Housemany Mr. Luy

From 8 a. M. to Merid.

Clear and pleasant. Sentle to moderate breef from 9.49 to 9.19 to 9.19 . Barometer falling. At 9.30 mustered at quarters From 9.45 to 10.45 drilled all hands at early and apare taking two buffs in tograph two in forward and one in maineall, the apprentice facing earings, then almos not refer every the one in maineall. We end of watch under all plane each to royale, with tograil and a englose of in the maineall. Ferre 10.45 to 11.45, the second watch had early and appear and eighed had railwelped economicity earlinating and eighed. Exprentice at wheel. We 12.00 started free under briles of Europeatice of magazine 75° format 70° eft.

From Merids to 4 P.M Slowest and pleasant with light above of rain. Those to tell begge h. F.M. Energy h. F.M. Slowest felling. Ut 30 Lands down flying jil and at 2, 50 toke in orgale, toggallant cause and main trujal to a squall and was into brades off to 6. At 3.40 were ship and came to on standard to be breaking F.M. If M. and made all plans sail to eggle energh flying jit. At ends of nately under all plans sail to eggle energh flying jit. At ends of nately under all plans and to end eyels flying jit. At and made all plans sail to eggle energh flying jit. At ends of nately under all plans are to be and to engle every flying jit, heading F.M. De los changed conset to be be 14. De som with the sail to engle every flying jit, heading F.M. De los changed conset to be be 14. De som list to 15 to 15. The watch generally generally generally generally generally some and to 3.50 to 4.00, first watch flies had and to 3.50 to 4.00, first watch flies under to the control of the watch first under to the first to the said to be some to be a special from the first under to the first watch flies to the said to the sai

From 8 P. M. to Peril.

The Theorem to to the forey occurring from th. N. M. to A. A. E. Blear, and super and Bright Barrieto reining

Examined and found to be correct short. Bull ends by no starbrand tacks, under same soil as at ends of preceding with

Settling with fire bruken under brites a. But now getter loger to so reading to be and

handed it in at 12.00 falch with ever with agreement at the what.

Or P. Colair.

J. B. Mollow, Lieuteward Ch. J. N. Sangator

LOG of the UNITED STATES Thip Essex Third Rate, Making grassage from Theorem R. J. to Charleston & C.

			0	0 0	V								-			100	
		1.	Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.								,		,	10	1.		,	cir.cum.		. 1
1	3	2	Hauledi	w NO1.3/4 W.	J. J. E.	4-5	6	1	30.23	69	68	64	71	be.	cum.	7.	W.16.
2	3	4		JUSU: 12 84.	N E. by N.	4-5	6	1.	30.23	69	67	63	71	,		8	-
3	3	8			. 0	4-5	6	1	30.22	69	67	63	71			8	"
4	4	0				4-5	6	1	30.22	68	67	63	71	"		7	"
5	4	8	78.6			4-5	7	1/2	30.23	68	67	61	73	,	cir eum.	8	W.
6	4		82.3		•	3-4	7	1/2	30.24	67	67	61	73			8	"
7		4	86.7		N6.	3	7	1/2	30.24	68	67	61	74			7	
8			90.2	"		3	5	0	30.26	68	68	63	73	b.c.1p.9	mint.	4	"
9		2				6	5	0	30.26	70	69	65	74	b.c. 91.	cir um.	3	
10	6	7			NG. by 6.	5.6	5	0	30.30	71	69	65	75			3	
11	2	6	6.7	184 l. N.	.,	6	5-9	0	30.30	71	70	66	76	,		3	
Noon.	8	6	19.9	. 7		6	5.9	0	30.30	71	70	66	76			3	
															-		

114.8 Distance new by org.	
Course and distance made good since preceding noon by observations, Jr. 70°9.	90 knots. tenths.
(Latitude by D. R.	29° 40' N."
Longitude by D. R.	77 024 , 94."
Position at Noon: Latitude by observations of ©	29 0 38 · N. "
Longitude by chronometer from Forenoon Observations of ⊙	78 033 , 24. "
	29 0 28 · N. "
Position at 8 A.M. Longitude by D. B. from Joon	78007.04."
Position at 8 P. M. (Latitude by D. M. form skew of P. M. Observation (Gunner) Longitude by Chromother from afternoon observation 0	30 0 35 1 11
Position at 8 P. M. Longitude by Chrometer how afternow observation 0	79 000 , 04. "
Current during the time, 8 knots tenths per hour, setting to the \$80294.	"
Plac. Beror of the Compass by Azimuth ⊙ observed at 7.30 Q.M., ship's head & M. M. 1/2 W.	0.15.6.
Deviation of the Compass by Azimuth ⊙ observed at 7.30 a.9h., ship's head	2 . 55 . W. variation used, 0 . 36 . E.
Error of the Compass by Azimuth © observed at , ship's head	0 , "
Deviation of the Compass by Azimuth @ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	450 "
Water remaining on hand fit for use at Noon,	350 "
Coal consumed during the preceding 24 hours,	1 tons 800 lbs.
Coal remaining on hand at Noon,	146 " 630 "

P. M.	6	7	26.6 29.1 30.1	1. 9. 6. 4. 1. 1. 6. 1/2 94.	A6. by 6.	16	10-15	1/2.	30.33	68	67	65	77	b.o.g.	cir.cum.	4	16
2	26	6	30.1	N ly 91:12 84.					30.35								
			Hauldin		6.18.				30.35								
4	8	8	-			6	10-15	1/20	30.35	67	67	62	77		Cities	5	
5	8	0				5.6	10-15	1/4	30.29	64	67	62	76		cim.	4	
6	7	5-			6. by 9.	5.6	10-16-	1/4	30. 28	67	67	62	75			4	
		0			,				30.32							3	
		4							30.36								
		5		4.1004.					30.40						cum.	7	
10	7	5							30.40							7	
11				.,	6. 98.				30.40						"	4	
Mid.					96. ly 8.	5	10-15	0	30.40	67	68	64	77			7	

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(midnight to 4 a.m.

Elean and pluasant. Moderate to stiff breeze from N. N.E. and N.E. by N. At 2.45 sighted strammer lighter to Note stord across one love to F.D. Distilling with frie landed under boiles A. appendices at which.

Hudgowers the Leuther

From 4 to 8 a. On

Clear to cloudy with passing rain agualle back part of last how. I ently to morderate buye from N.E. by N. to N.E. al 6 18 about rufe up of topsails and set topgallant and sud nozele. At 7.18 sel main and migsen topmark staynally and flying fil. At 8.00 took in nogale main and negles topmark staynale and flying fit to a leavy equall. Emen it by 1.60 (fe) Affrenties at the which At 5 to find an yatust org neading 78.6 Distilling with banked free reader later A.

Orom 8 a. M. to Merid.

Roger Weller fr. onustered at Quarters . Print g. 45 to 10.30 had dinimit dull; from 10.46 to 11.45, 14 watch mailingspecks sailurking according to the contract of the major togenest stayarts. At 10.70 changed court to Not, patent bog reading 6.7. At 10.35 changed court o No No by A, patent bog reading 8.3. At end
of watch under all plain said to topgallant sail (ways sugh only no mainsal), all topmash staysails and
main topails on cours Not by N. Moderate see from No. O apparties at which Distilling with bracked free under
boiler A. Compression of magazine 74° found, 75° aft. The Dunning Ch. Blass properties the Experience of his type of external.

N. Colorona Gusign W.J. W

From Merid to 4 J.M.

Cair and pleasant. Puch buyer from N.E. by 6 handing to 6.46 bourse Will by W for) until 1245 when it was changed to N. S. N. 12 N.: thus at 1.15 it was changed to A by N. B. (p.). The appendices were instructed as follow: 3th period, 1.15 to 2.15. thus of 1.15 it was changed to A by N. B. (p.). The appendices unw instructed as follow: 3th period, 1.5 to 2.15. the 14 watch fad action and spew and the 2th watch lad marking in much period, 2.00 to 3.15, the 14 watch bad genery, fifth priod; 3.30 until 40 clock the 12th watch had alm, had and by and the 2th watch mitted appendictly money to relieve of a hip Bo P. Mr. the align was making 3. Exceptions, it him energeted at the propeller was making 32 conductions, it him energeted at the followed clocks. It was a first watch and a second clock of a watch and a second control of the which the which the watch to the second control of the watch of the which the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watch to the second control of the watch of the watc ship under same soils as at end of preceding watch. Fire moderate from N.E. apparentain at the while steering ship. Distribuing with first bruken bullow boller A. This willing exists to the sea. W120 landed in patiet boy it bring badly found with soil were the Dumming Ch. B. Mets) was the day discharged by cross of experiation of term of untitangly B. B. Mets.

From 4 to 8 P.m

First to have after such party change for E. N.E. to E by I bludy with doubt threatening appearance of aby to The and Web.

first two hours afterwards party change for bearing sworther. Barmeter fell. Ob aucticuly during first hour, and

attributed to new at 6.00. I who in many and muyen topmand storyante at 4.40. At end of water under for tymes to transmit, and main tryail and glain and to toggetlant early everyl a single reef in the manual Started frie under bile 13 at 7.30 and allowed fries under boile it to die not, there bring a lask in that boiler. Passed many large patches of sew weed bryondary Commanding Office changed conce at 8.00 to N. N. N. per Flandard. appendice at the while

From 8 P. m. to Mid Elean and pleasant. Fresh to stiff bury from E. by F., P. F. and FE. by E. at close clouding up to MF. N. at Examined and found to be correct-class under for trumest staypail, main tryeail and plain eail to topgallant sail, with a sengil seef in the manicail, no curse N. A. M. Deies under biles B.

theregreet the theylar Ensign On da.

J. B. Me illion, Lieutenant D. S. Mr. Changeton

LOG of the UNITED STATES Phip & SSEX Phid Rate, Making passage from New york, Q. S. to Charleston, F. C. and at anchor off Twash Channel.

	0 "		0 0	V		1000			Carl Marine		-	00		Charles	UNY J: 6	-	1000
Hour.	Knots.	Fenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	seway.	Height in inches.		b	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
Ho	Kn	Te				Ä	H	7			4	3	30			200	20
A. M.	96	5-8	Hauled in	A. 1 W.	₹6.	5	28	0	30.39	68	68	64	77	b.c.	cir.cum	3	M.
2	6	0				4-5-	5.8	0	30.37	68	68	65	77	,	,,	6	
3	5	6	1		96. ly 6.		2.8		30.36				1 '			7	
4	6	0	34.4		9.96.	4-5	10	0	30.34	68	68	66	75		-	2	
5		4	34.9		,	4-5	10.		30.31				74		cum.	2	
6	5	6	40.5			4.5	10.	0	30.31	69	68	67	73	b.c.p.		2	
7	6	0			9. ly 6.	4-5	10 -		30.31					b.c.	cum . nine	1.1	
8	6	2	52.7		0	5.3	10.	0	30.31	69	69	67	70	0.0.10.		0	
9	6	3	590	201.42		3.4	5.7	0	30.31						cum.	0	-
10	5	6	64.6		01.9.91.	3-4	5.7	0	30.32	, 66	67	66	69		cumowi	40	
11	2	909	66.6	N.N. 04. 14 94.		3	5.7	0	30.32					b.c.p.		4	
Noon.	4	6	73.1			3	5.7	0	30.32	66	67	66	69		eum.	5	
									1	-							

165.5 Dietane new by Log. Course and distance made good since preceding noon by observations, J. 18 9. 174 knots. 32 003 1 1. " (Latitude by D. R. Position at Noon: Latitude by D. R. Latitude by observations of © 79 0 48 194. " 32 024 18. " 79 033 , 04. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by S. R. from North Position at 8 A. M. { Longitude by S. R. 31 047, 1 1 79 035- , 04. 11 Position at 8 P. M. Latitude by Longitude by Current during the time, 24 knots tenths per hour, setting to the 30.66. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used. Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head 400 gallons. Water expended during the preceding 24 hours, Water dittled during the preceding 24 hours, 800 750 " 1 tons 880 lbs. Water remaining on hand fit for use at Noon,

P. M.	0 4	95	73.5	19. 8, 91 NOL. 1/2 N.	F. G.W.	4	5	0	30.25	66	69	69	64	b.c.	cir etrat.		M.
			83.7			4	5									7	
3	3	2		Itanding in for		4	5									7	
			Hand in			4	0								-	5	
5	a	la	uchon	N8.		4			30.18	66	68	67	64	b.c.m.	-	3	
6				9.94.	1 91. to 994.	4-6			3017	67	68	67	64	b.c. t.l.n.	cum. nimb	2	
7				9.9°W.	9.9%.	4								0.c.d.l.			
8						3			30.18	67	68	67	64	b.c.l.	misit.		
9				901. by 04.	Por by or.	3			30.16							8	
10				01.901.	01.901.	2.3			30. 14	66	67	66	64			7	
11						2-3			30.12							7	
Mid.						2.3			30.12	66	67	66	64			7	

144 .. 1990

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chudnight to 4 a. m.

Christingh 26 4 W. M. Shridy. Products to stiff breeze from FE to F. FE. Barrieter falling. At 3.00 took in trypail and at 3.40 jil and eparker. We seed watch under aguare onil to topgalbant sails, with a single nef in manuscib and for topmast staypail, on crusse N. N. M. (pc) At 2.00 in sounding lost a swifer and depth recorder. At 4.00 sounded in 61 fathree, no bottom. Apprentice at wheel. Distilling with banked frie under biles B.

Bum 4 to 8 a. M.

Roger Welles Jr. Eusign W. J.M. Bloody with light shown of rain at time. Itiff to quite been find 9.96 to Fly 6. Baconston steady. At 5 o'clock set engale. Forth the following considering of 6 o'clock, 55 fetherne break both bottom, black and expected. At 6 o'clock, 36 fetherne for and black and yellow expected. At 8 o'clock, 17 fatherne conce and, grand and bother shelle. At end of watch under for topmad stayear and all equal sail to rysle on course N. N. & A. Distilling with banked free under bother 16. n. A. Coleman

From 8 a.M. to Merid.

Elmily with presence shower first three lower cleaning last how. Sentle to moderate brieges from I by 6 receiving to 9.39. At 800 submarged course to I Who Who W. and at 10.00 changed again to I Why 6 (pc) At 10.00 ch main and mygen tymal stangails and at 10.00 ch from the stangails and at 10.00 ch flying jet, main tryail and spruker. Onithed the foremer instructions for appendic or account of who maintains of scale and stangard in in its during with the literal presents at 12 flam and training with during with the maintail. Appendic at the scale Ditteling with both free with 18 of 10.00 ches and when the same with the 18 of 10.00 ches and when the course with the 18 of 10.00 ches and what there are under biler 16. Frok the following sounding during the watch with Fir Hilliam Fromois Machine: - at 90 close got is fatheres gray could and black exactly : at 9 30 gt 11 to fatheres : same apacement; at 10.30 to fatheres; at 10.30 to fatheres; at 11.00, 9th fatheres; at 11.30, 9 fortheres and at 12 (none) 8/2 fortheres with same specimine of bottom at all enundrings. Temperature of magaine 74 forward 73 of. 1130, of follower and as Many or yearner ble branch the forward of it signed to Pune Bond of Sugarting Strate of England files.

Endand in Pay Tepl. by Builtely Bond of Energy blk Branch the Contractor It it signed to Pune Bond of Sugarting Strategic . them victorial to 5 mining was expected as Brotomin's not I class for their year. I now need to 4 P.M. C. Lieutenant U.S. W.

Morderate breeze from 9.9%. Dair and pleasant at 12.10 changed concerts to When by partial bog reading 73.5. Fort the following countings at 1.00, 11 fathome, yellow day: 1.30, 9 fathome, grey cand ; 2.00, 9 fathomes, broken about : 2.30, 7 fathomes, gray and black agreedes. at 208 eighted land right ahead at 20 eighted Charleton Light house, braining (p. s.), N. 441/2 th. Changed ones at same time to be by the partial by reeding 1653 after 2.00 etanding in for exchange man light slip, Commanding Officer coming; counting frequently. Us 200 hosted the fact at the fore as a eignal for a gellet, and set the colore balled "all hands bring alige to anchor at 3.05, and took in topgellant sails, agalesand flying jib Dort in e and major topmash staypale and epacker at 2.45 and hauled up the concess at 4.45. Here to at 3.40 with four topical to the mask to avail as gill book . Hauled in getul logat 305, reading 89.4. appendices at the while with 500. Ferre 1.15 to 2.15, instructed 2nd watch at scile and your 3th watch at mailinejure, aculmating and argiale. From 2.30 to 3.00 instincted 2th and 3th watcher in gunnery. Omitted 3th period of instruction. all hands bring collect to bring ship to anchor. Distilling with banked fries under briles "16".

From 4 to 8 P. 94.

First how threatung, never tur home ranning, with thunder and lightning, last how cleaning. South to stiff breeze from 4 %. I th and II th. at 4.05 field I Brugder from field brak W. H. Bown of Challeton came about all 4.14 let go etailored auchor in 6 fethouse water, occuring to 50 fethouse chain; randy bottom. Branny of suckneys, Charlette light 4 145. yes seen my. of also 14 feet, rinches forward, 16 feet, sinches aft. Dillling with backet five under bale 18. Montesporary in Herefler chain ; randy botton Braungs of and may, Charlesto Sight ON 16 9. 45 ; and Elightedy & 510 N (16 5) Wat to falled will the close about so minute Deep

Geo. K. Cearle

Cloudy with lighting in Juth Estew beijer heath to light beign from FV by V. to 4.24 Barrets falling. At 11.00 stands.

Beamined and found to be correct. files in biler C and D. Dittling with banked files under biles 18.

Roger Weller Ja, Lintenant W. J. N. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Of auchor of Guard Channel and in the Harbor of Charleston & 6.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Hear Hebs.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
М.	Jid	al C	burent.													
1	0	6	288	g 94.	ON 29.04.	2.3			30.13	65	64	63		b.c.l.	cum reint	7
2	0	6	.,	Poutle	,,	2-3			30.15	65	64	63				7
3	0	6		"		2-3			30.15	65	64	63				7
4	0	6	;	fhy.		2.3			30.15	65	64	63				7
5	0	6		9.894.		3			30.15	65	64	63		0.c.w.		0
6	0	3		891. ly 8.		2-3			30.15	66	64	63		O.C. 1p.		0
7	0	3		· 901.		2.3			30.16	64	64	63		0 c.w.		0
8	0	4		Q1. F.W.	Heet.	2			30.17	64	64	63			eir cam	0
9	0	6		04. by 3	Ot. by N.	2			30.19	65	65	64		b.c.w.	mint.	4
10	0	4				1-2			30.21	65	65	64		0.0.w	cum minib	0
11	0	4				1-2			30.22	65	65	64		•	-	0
loon.	0	4				1			30.23	65	65	64		0.0.		0

20.3 Distance New by Grg			
Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Position at Noon: { Latitude by observations of O	•	,	"
Longitude by chronometer from Forenoon Observations of O	0	,	"
(Latitude by	0	,	"
Position at 8 A. M. Longitude by	0	,	"
(Latitude by	0	,	"
Position at 8 P. M. Latitude by Longitude by	0	1	"
Current during the time, knots tenths per hour, setting to the			
Error of the Compass by Azimuth O observed at , ship's head	0	,	
Deviation of the Compass by Azimuth O observed at , ship's head	0	,	variation used, o
Error of the Compass by Azimuth O observed at , ship's head	0	,	n .
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o
Water expended during the preceding 24 hours,	4.	50	gallons.
Water distilled during the preceding 24 hours,	8	00	
Water remaining on hand fit for use at Noon,	110	0	
Coal consumed during the preceding 24 hours,	Z tons 8	00	lbs.
Coal remaining on hand at Noon,	142 "11	90	"

P. M.												
		2		Obesh	9.04.	2.3	30.22 60	6 65	64	b.c.p.	cum.	2
2	0	3		Fou.		2-3	30.21 67			be.	cum minil	4
			Flord	Frith		3-4	30.20 67	67	65			
4	0	8		"		3	30.19 67	67	65		-	5
			way	Standing into		3	30.15 68	65	63	-	Cum stead	4
6		-	0	Charleston Labor		3	30.13 67	65	63			4
7	a	as	velor	Tinth	"	3	30.15 67	65	63		-	
8	0	2	Ebt.	3. ly %:		2	30.17 65	- 64	62	b.w.	none	10
9	0	2				2	30.20 65	-64	61			10
			Flord	NOt by N.	West	3	30.2168			6.		10
				"		3	30.22 68			"		10
Mid.	1	8		N. by Ch.		3	30.22 68	64	61			10
1000												

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Elovely and damp Fight to gentle breeze from V. F. Phip riding to wind and tide. Banked frie under liter 16. Distilling. Fries under bolen 6. and D. N. D. Colsman n. A. Colsman

Our 4 to 8 a. On.

One cast and clody, with light passing shower about 50 M. Light to gentle breeze from 9.80, excing to breeze the medical from 9.86. As a Br. made preparation for getting underway and born in to 45 fathous chain; but among to the well, the fill was unwilling to take the ship one the Charleton bor consequently the five one bounded, after turning over the edgewer and excepting executed again. Ligh water on the bar as 6.20 a. M. Dittling with fired banked under bilew 6.6.45.

" C Lieutenant U. S. W.

Lieutewant & J. R.

Tight air to light breeze from V. by N. Orreast. Moderate evel from Ft. I help reduced to all to the Commentary and 30. If 9,40 called all hands and loved and to try. From 10.45 to 11.45 reviewed 1st worth at infantry and 3th worth at newborn. Continued variantation of appendix of it with the Second Stands bond ashow in two of try Confidence to take and bring made. There braked under briles B. 6 and S. Settlem Fernance For magazine 75 forward, 7th 4th By when of Communiting Res Ducuming (B. M. In) was noted to But I become we want to the control of magazines of control of the But I become we want to the cost of the But I become we want to the cost of the second of the second of the cost of the Chief Bratawaiis mate from this date Gen Rocallo

From Merid to 4 9.9%.

Oncast, light spite of rain times during water . Sentle to moderate buy from I'M. Drow 1:15 to 2:16 drilled well and 3th waterbur at infantry Banked free when tiles 10,6, and 5. Dietilling.

Montgonery W. Lengton Or. F. M.

From 4 to 8 P.M.

Cloudy . Sentle beeze from IN Barometer falling. at A. 40 called all hands up anchor got underway at 4.55 and stood into Charleston Cactor, Pilot I. Bringler cruning the ship . Disput our color to as levenue butter presing into the Barbor. At 5.44 parent over the bar in Februar Channel with zo fut of water. At he was a court to the barbor into the Barbor. at 6.49 came to auchor in 6/2 fathone water, early with mid bottow, oring to 45 fathous of chain or port anchor. Beaungs of anchorage Charleston Light G. F. G. (p. c.), The Phillipp Church Not 12 N. (p. c.) This best South. Allows the frie to die out in briles band D. Distilling with banked frie under biles 16.

Roger Welles Jr. Eneign W. F. W.

From 8 P. M. to Mid.
Colean and pleasant. Bright etarlight. Light to gentle buye from FN. to Heal Baroneter resing. Banket from ander bother B. Dietellug.

N. T. C. Norman

M. T. Colonian Ensign V. J. M.

Examined and found to be correct,

J. B. Weill on Navigator. Lieutewant & F. W.

			Reading		WIND.				BAROMI	TER.	TEMI	PERA	TURE.			lear ibs.	Sep
Hour.	Knots	Tenths.	of Patent Log.	Ships head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S.
A. M.	Did	al b	unnel														
1	1	9	Elf.	N. N. St.	Jo 94.	3.4			30.22	65	64	61		6.9.	none	10	
			,,	N. by 94.	N. N. W.	3.4			30.25	61	60	52		-		10	
3	1	0		Storth	North	3-4			30.26	60	59	51				10	
4	1	0				3-4			30.27	59	59	51		-		10	
5	Lu	inging	to flood			4			30.29	58	58	51		b.c.g	cum.	9	
6	0	8	Flord	6. by 9.		4-5			30.32					0	cir.strat	8	
7	0	8	-	6 act		5-			30.35	56	55	50				8	
8		6		N &.		46			30.40	55	57	51				7	
9	0	6		Je by 6.		3-4			30.40	55	57	51				8	
10	0	4		Sorth		3.4			30.44	56	56	49		b.	none	10	
11	0	4			N by 94.	3			30.46	60	2.8	49		-	-	10	4
Noon.	0	7		-	North	3			30.43	60	59	49			-	10	
	-																

Course and distant	re made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 . ,	"
Position at Noon:	Latitude by observations of ②	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	u ·
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	. 11
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 '	variation used, o
Water expended de	uring the preceding 24 hours,	460	gallons.
Water distille	d during the preceding 24 hours,	800	
Water remaining of	on hand fit for use at Noon,	1440	"
Coal consumed dur	ring the preceding 24 hours,	2 tons 240	lbs.
Coal remaining on	hand at Noon,	140 " 950	- 11

P. M.													
	0	8		North	North	3.4	30.43	61	59	51	l.	more.	10
2	0	9				2	30.41						10
	0			1. by 6.	July &.	2	30.40						10
4	A.	ack.	water	96. by 6.		2	30.40						10
5	0	8		9.96	Phy 6.	2-3	30.39				b.c.	cir. steat.	9
6	0	9		Porth	Shy O.	2-3	30.36						
7	1	0			9.9°W.	2-3	30.35					cum strak.	9
8	1	0		9. ly &		2-3	30.88				b.	now	10
9	0	8		Forth		2-3	36.39						
10	g	ww	iging to	66.		2-3	30.34						
11	0	8	0 0	N by D.		3	30.40						10
Mid.	1	0			-	2.3	30.44						

, U. S. Navy,

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Clear, cool and equally . Gentle to moderate brezes in equally from & W. orrning to North . Tengenatur falling . Bright startight . This riding to the Ell tide . Distilling with backed free under both B. Midnight to 4 a. m

June 4 to 8 a. On

Products to freek breeze bluring in aqualle from North Fair and cook Baronites reinig. Oids turned flood abor Distilling with banked fries under briter 13. Peccand in Pay Dept 1064/bh freek bof 1064/bb. freek orgetables and 86° lbs. freek bread Draft of ship 14 fet, 2 inches found, 16 feet, 6 inches aft.

Geo. R. Oear

Orm 8 a. On. to Merid

Sentle to mederate breey from Aby 6. and North. Clear and pleasant. At 9.30 wint to apacters for inspection. At 9.36 called "Clear chip for action and never yards regard in lower borne lowered cutters and made purposation in 35 minutes. At 10. encoded call to Stevend Executer; direction reported as follows:

Double 10.02: after Double 10.03: At direction 10.04; 2nd direction 10.05; 3d direction 10.05; Builder 10.05 Communical banked under biler B. Temperature of magazine 72° forward, 70° rft. J. B. Moilton, Lewitewant W. J.W.

Our Oneid to 4 9.9m.

Clear and pleasant. Moderate busy from North to light busy from N by E. Barometer falling.

Oh 1:00 all the Field Act monthly money and was given liberty. The French Grotel was given their bage and the Third State was and not in the cutter to practice pulling and earling. At 1:40 the Communicating Officer with Energy Taylor are aid, left the slag to call officially upon the Prayer of Charleston, the Collector of Port and the Carolina Gard Clerk.

Distilling with fine I rules under bills B. At 35 and the New with water. George T. Indeparts, Paymacter Clerk superties for duty in the state of the Same of Donale 20 local base of the superties for duty in obdieve to orders of march 21 frombolismy Department.

Roger Weller Jr. . Ensign On & M.

From 4 to 8 P. M.

Ensign U. S. Ok.

bleav and cost . Bught starlight . Light to gentle breeze from F. F. D. at 10 15 suring to the ell tide . Level as party of apprehice ashow at 7 20 to attend the open. Distilling with frie backed under ball "15". W. Dapertou

Examined and found to be correct.

J. B. Meilton, Navigator. Linterant & F. Dr.

Lieutewant U. S. W.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, S.C.

Therid Rate,

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.			Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Suipe head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the S
A. M.	Did	al	Current.														
1	1	5	EH.	Soft. by S.	9.901.	1			30.42	58	57	54		b.w	none	10	
2	1	4	-	North	balm	0			30.40	58	57	54				10	
3	1	4		N.16.		0			30.39	56	56	54		,		10	
4	0	3			. g.g.w.	0-1			30.38	56	56	54				10	133
5	0	8		9. by 6.	balm	0			30.07	54	55	54		b.c.	cum.	9	
6	1	0		9.98.	Forth	0-1			30.39	57	55	52			cir.	7	
7	0	7		96. by 9.	86. by 9.	0-1			30.89	59	57	53			cir cum.	6	
8	0	3		9.96.		0-1			30.41	61	59	54			eir.	6	
9	0	4	Lumania		\$6.	1-2			30.45	64	61	55			cir etral	9	
10	0	2	to	9. by 94.		1-2			30.45	65	62	56				9	
11	0	5	EH	Q1. S. 91.		1-2			30.44	65	62	56		*		9	
Noon.	1	0		North		2-3			30.42	65	62	56			-	9	

Course and distance	re made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	. ,	"
	Longitude by D. R.	,	"
Position at Noon:	Latitude by observations of ②	0 ,	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	0 ,	11
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 ,	
Deviation of the C	ompass by Azimuth @ observed at , ship's head	0 ,	variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Water expended du	aring the preceding 24 hours,	450	gallons.
Water distill	during the preceding 24 hours,	900	
	n hand fit for use at Noon,	1890	*
Coal consumed dur	ing the preceding 24 hours,	/ tons 800	lbs.
Coal remaining on	hand at Noon,	139 " 150	*

P. M.	1	0	EH.	Jorth	9.9%.	3	30.42	68	65	60	b.c.	cir-strat	9
2	1	0				4	30.40	69	67	61			9
3	1	0				4	30.36	69	67	61			9
4	0	Flac	h	9.96.		4	30.34					cir cum.	8
5	0	5	Flord.	Porth		2-3	30.32	68	69	62			9
6	0	9	-	*		2-3	30.29	66	66	60			9
7	0	3				2	30.25				b.	nne	10
8	٥	6				1	30.25	65	64	61		10	10
9	0	5-	-			1	30.24	65	64.	61			10
10	0	4		994.		1-2	30.27						10
11	0	5	Lurung to	Otest	\$ W.	2	30.26						10
did.	0	9	Est.	J. J. O.		2-3	30.26	64	63	61			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Onidnight to 4 a. 9 n. — Light airs from II W. and Calmer. Clean and cool. Bright starlight. Heavy dev. This riding to elt tide. Distilling with fire build under boile 15.

Que Reach Qu. S. M.

From 4 to 8 P.M. .

Clean and damp. Calm to light airs from Forth to I E. by I. Tent up topgallows made and event topgallows yarde at y. 30. Distilling with banked free under boiler 15.

M. J. Coloman

From 8 a. m. to Merid

blean and pleasant. Light air to gentle breeze from FE. Barometer falling. The Commanding Office of the Commanding Office of their skip. The Paymeter result mouthly money to the cent and apprehense. Recent at 8.15, 85 lb. bread, 106/12 lb. argetables, 106/12 lb. bef. which passed inspection. We are at 8.15, 85 lb. bread, 106/12 lb. argetables, 106/12 lb. bef. which passed inspection. We to a surgetables, 106/12 lb. bef. which passed inspection. We to a surgetables, 106/12 lb. bef. which passed inspection of no gazine 72° formed, 70° eff.

Roger Welles, Jr. Ensign D. J. M.

From Merid to 4 P.m.

Clear and pleasant. Sentle to moderate been from IIV. Barmeter felling. The Mayor and the Mayor protein and bety bleck of bits of blacketon paid an official visit to this ship. Firsty party of long and new left the chip. Destilling with backed free under both B. All the officer and crew was on deep to recen the vagor.

n. Thofrman Ensign W. S. M.

Cheme H to 8 P.M.

Chan cope and pleasure. Light aire and gutte buyer from 9.99 Lung to the first tide at +30.
Seet down cope years at accuse! Tend or party of appendic to the theater action. Received on brand for distribution to over to morner in the Department of Pupplies and accounts, 1061s lbs. feet leef, 1661s lbs. of vegetables and 85 lbs. of brand Distributing with five banked runder bother 15.

Sum 8 9.90. to Prid.

Light air to gettle breen from 8.90. and 90. Clear and cool George to ell tide at
1120. Appendice livity party extremed except J. Giek, J.J. Prell. J. Gerity and J. Drummy Distilling
with fire banked under both 15.

George Desitement W. J. W.

Examined and found to be correct.

J. B. Me ilter, Navigator.

LOG of the UNITED STATES This Essex Of anchor in the Harbor of Charleston, F.C.

Third Rate,

					0												THE R
1	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	eway.	BAROME Height in inches.		Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
Hour.	Kn	Ter	1000	Thije head.		Fo	Не	3			Air.	A B	Wa			Pr	Sta
A. M.	Jida	al b	urrent														
1	1	8	EH	A by St.	fou.	2.3			30.26	62	62	61		f.	none	10	
2	1	8		1.191.		2-3			3026	62	62	.61		"	,	10	
3	1	8		n		2-3			30.26	62	62	61		,		10	
4	1	5				3			30.26	62	62	61			-	10	
5	Pur.	nieni	g to flood	921. by 01.		2-3			30.26	62	62	61				10	
6	1	10 6	Alerd	Fly 81.		3			30.27	62	62	61		b.c.	cir strat	8	
7	1	4		* Forth		3			30.28	63	63	62		"	etral	9	
8	0	8		Shy Ot.		3			30.30	64	64	63				9	
9	0	9		99. ly 9.	01. FOL.	3			30.30	67	67	65			cir.	9	
10	1	2		991. ly 01.	99. ly 24.	3			30.30	69	68	65			cir strat	9	
11	0	3	-	Orest	. Chest.	3			30.31	71	69	63		*		9	
Noon.	Sur.	. ging	to 6H.	19. by 1.		3-4			30.32	72	70	65				8	
	1																-

Course and distance	ee made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 /	n .
Position at 8 A. M.	Longitude by	0 /	"
	(.Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 ,	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 /	variation used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0 1	n .
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Water expended de	aring the preceding 24 hours,	400	gallons.
Water distille	during the preceding 24 hours,	925	"
Water remaining of	n hand fit for use at Noon,	2415	
Coal consumed dur	ring the preceding 24 hours,	/ tons 880	lbs.
Coal remaining on	hand at Noon,	138 " 1510	"

M.												civ aum	
1	1	6	Ebl.	N. O. by A.	fou.	3-4	30.27	73	70	66	b.c.	cir strat	7
2	1	7		. 0		3-4	30.25	73	70	66			7
3	1	6				3-4	30.25	72	72	67			7
4	1	2		Ot. by N.		3.4	30.25	72	72	67		"	5
5	1	0	Flord	O4. 9°94.	\$. 9 W.	3-4	30.26	70	70	68	.,		4
6	0	8		9. 6		3-4	30.26	68	68	66		cir. cum	4
7	0	8			,	3	30.26	68	68	66			-3
8	0	6				3	30.26	67	66	64			3
9	0	9		South	Inch	3	30.28				b.c.m.w.		7
10	0	8		9.90.		2.3	30.29					stral	7
11	1	4		Ox. by 8.	9. F.W.	1-2	30.30				b.m.w.	none	10
fid.	1	2		A 94 by 04.	for.	1-2	30.31	65	63	62	b.w.		10

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Quidnight to 4 a. M. Bught starlight. Gently breey from 901. at 2 40 pilot book I Go, Cook. I go, fulled aboy on port side , getting clear at 3.45; no dramage was done as for as could be ascertamed in the dark. Indo numing att. Distilling with frier bashed under biler B.

Montejonery M. Leybor Ensign a S.A.

From 4 to 8 a. M. Clear and pleasant. Gentle bury from IN. Baronter riving. Librity mus returned on time except 6. O stafe (60) continue. Distilling with banked from in brites B. Luring to flood tide at 5.30.

Roger Welles Jr. Eusign N. F. M.

From 8 a. m. to Merid.

Chave and pleasant. Sentle to moderate beeze from O. F. N. to Obest. At 9.30 mustered at Quarter and the following absentes were reported to Thisp. (Ev.), J. Serietz, J. Fish and J. Tommy appendices 3th class life this the ship and one was more imported by the Commanding Office. Victors were allowed on brand after quarters Divilling with banked free under botter B. Dauguature of magazine, 72 forward, 69° aft.

N. S. Coleman D. J. D.

Fair and phasant. South to moderate breze from Forth. The riding to the obstitute. South a likely party of appendic and men asker to large number of victors on braid. Distilling with five backed under brike to J. Govern and J. Fill appendices " class returned on braid is how one likely.

W. Maperton Sin Sin.

From 4 to 8 P.M. Swith to medicate buy from F. F. W. Cludy Dide turned flood at 4 30. apprentia librity party actumed swape 6. J. Fisher Dictilling with fire banked under briter 18.

Gen Roeall Qu. J. W.

Dean & P. Mr. to Orid. Starlight Flightly mity. Heavy dew. Light air to gentle breeze from South and I'W. Deitlling with brushed Juse under biles 15.

Huntgowey H. Youghor Brough Qu. S. Dr.

Examined and found to be correct.

J. B. Maillon, Navigator. Lieutenant 9. 99.

LOG of the UNITED STATES Thip Essex. It auchor in the Harbor of Charleston, Il.

Third Rate,

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Hear	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Slupe head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al t	Surrent.														
1	1	5	EH.	Je by QL.	91.894.	2.3			30.25	65	65	64		b.w.	nne	10	
2	,	6		0	Obest.	2.3			30.26	65	64	63			"	10	
3	2	2			,,	23			30.27	65	64	63			-	10	
4	1	8		N. N. St.		2-3			30.27					b.e.w.	cum.	8	100
5	0	8				3			30.24	66	65	63		b.c.m.	"	2	
6	0	1	Blood	9.9%		2			30.28	66	65	64		,	Cir. cum.	2	
7	0	6	-	9 ly 6.	,,	2			30.28	66	65	64			,,	4	
8	0	8	-	96. by 9	NE.	2			30.30	67	66	65			civi strat	3	-
9	0	4		96.	6.16.	3			30.33	68	67	65		b.c.	cum.	3	
10	0	8				3-4			30.33	66	66	64				3	
11	0	5		6. by 9.		3-4			30.33	64	65	63				6	
Noon.	9.	lace	k.	16.		3.			30.33	63	64	62		0.0		1	

Course and distan	ce made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 / "	
Position at Noon:	Longitude by D. R.	0 , . "	
Position at Noon:	Latitude by observations of O	0 / 1/	
	Longitude by chronometer from Forenoon Observations	of 0	
	(Latitude by	0 / "	
Position at 8 A. M.	Latitude by Longitude by	0 / "	
	(Latitude by	0 / 1/	
Position at 8 P. M.	Longitude by	0 / "	
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	,
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 1 11	
Deviation of the C	Compass by Azimuth O observed at , ship's head	o ' variation used, o	
Water expended d	uring the preceding 24 hours,	400 gallons.	
Water distille	during the preceding 24 hours,	895 "	
Water remaining of	on hand fit for use at Noon,	2900 "	
Coal consumed du	ring the preceding 24 hours,	tons / 2/80 lbs.	
Coal remaining on	hand at Noon	134" 230 "	

P. M.														
		2	ES.	North	16. by 6.	4	30.33	63	63	61	b.c.	cum.	2	
				1. by 6.	6.16.	3-4	30.32						3	
						4	30.31							
4	0	4		1.16		3	30.29	68	62	61				
5	0	2		16. by 6.	NE. by E.	4	30.27				b.c. m.	cum . wint .	2	
6	0	4	Alord	East.	18.	4	30.26				The state of the s			
				96.		4	30.25							
8	0	9				4	30.25		1					
9	0	7				4-5	30.25						1	
				96 by 6.	6.46.	4	30.25				1		0	
					East	4	30.24						0	
Mid.				6. by N.		4	30.24							

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Obidnight to 4 a. M. Stear and pleasant Gently breeze from Oh. F. Oh. to Chesh. Barometre felling. Fleip riding to elt tide. Distilling with banked fire under boles "B.

Regn Welles for Emign & F. M.

Our + to 8 a. M.

Cloudy and pleasant. Eight to gettle brees from West to ME. At 500 stopped distilling. At 80 clock crossed injet yard rand broad sail to a brentline. C.O Keefe (Con) returned on braid 23 hours critical. Allowed five to die met in briter B.

M. D. Coleman

From 8 a. m. to merid.

Prair to cloudy and cook Gentle to moderate brever from 6.46. Phile riding to flood tide. Flack water of none. Printed at quarter at 9.30 a. Mr. The following were about over librity:

T. Parcy (B. M. 2.0) 9. 3. Bucks (B. M. 2.0) J. Feller (B. M. 1.0) 9. J. Mr. Raughten (Sde), 6. T. Riller 3.10) J. Bucks (B. M. 2.0) J. Feller (B. M. 1.0) 9. J. Mr. Raughten (Sde), 6. T. Riller 3.10) J. Bucks (App. 3.0), and B. Keiler 3.6.10). Mr. 9.45 armed and equipped all both for when Wall to be opened : travel broth from the Mr. 40 about and furth early About of the feel check when I shall be shall be about the feel of the feel Received in Elepartinus of Pupplier and accounts 10612 lbs fresh bref, 10612 lbs fresh or getable and 85 lb fresh bread. Temperature of magazine 73° forward 69° aft.

WA Caperlow Lieutenant W. J. W

Oum Merid. to 4 9.90

Moderate to gentle been from N.E. by E. and E. N.E. blondy. Ciding to ell tide. J. T. Gerrity (ago 3.0) returned on braid 4 showed writing. Transferred P. Rover, J.M. Mate), to the Manne Borgated on show for tweatnessed. From 1.15 to 2.15 executed 1st watch at marlinespecks work; 2nd watch, grunnery, and 3nd watch, early and expense Fernel period 2.30 to 3.80, 1st watch, grunnery; 2nd watch, early and appeal; 3nd watch, marlinespick early and eighals: 3nd period 1st watch, accounts; 2nd watch single strike; 3nd watch, gymnastics. The blyde strawer alignigues left the hadro at 220.

Geor Rolling Situant 2 9.91

Own 4 to 8 4. m.

Mity; last two hours voucast . Noderate brey from NE and NE by N. at 5.40 and down light yards and togallant maste. E. Fisher (age 30) returned from likely 22 hours oration. at 5.20 aroung to book tide. flord tide.

Montgomeny Mr. Feryler Energy D. F. R.

From 8 O. M. to Duid.

Occuract and mits. Moderate to stiff breeze from N. 6. to Each Barometer falling & Burne (B. Mr. 20) returned on braid 16 hours or time. Brigh water clack at 11.45.

Roger Chelle- Ja

Examined and found to be correct.

Roger Welle Jr. Enugin & & M.

J. B. Me illon Navigator.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, T.C.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear Has.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ships head.	Direction by Standard Compass.	Force.	Heel	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	lal 1	Current														
1	0	4	EH.	NG. by N.	East	4-5			30.18	62	62	61		0 c.gr.w.	nimb.	0	
2	1	2		1.16.	4	4-5			30.15	62	62	61				0	
3	1	2		A by 94.		2-3			30.14	63	62	61		b.m.w.	none	10	
4	1	3.		North		2-3			30.12	63	63	62		b.c.m.w.	cum mind	8	
5	1	0		Nh 6.	6.96.	2			30.11	64	63	62		0.c.mu.	,	0	
6	0	8		(\$6.	2			30.09	66	64	64				0	
7	gl.	ació	water	Porth	9.90.	2			30.09	66	664	65				0	
8	0	5	Flord.	fly W.	9%.	3			30.07	66	66	65				0	
9	0	7				3.4			30.05							0	
10	0	9		Louth	f. fo.	3.4			30.04	68	67	65				0	100
11	0	8		9.01. ly 9.		4			30.02	69	68	66				0	
Noon.	0	4				4			29.98							0	

Course and distan	ce made good since preceding noon by	observations,	knots.		tenths.
	Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of O		0	,	"
	Longitude by chronometer from Fore	enoon Observations of ⊙		,	" ,
	(Latitude by		0	,	u .
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		o	,	"
Current during th	e time, knots tenths per	hour, setting to the			
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	,	
Deviation of the C	Compass by Azimuth ⊙ observed at	, ship's head	0		variation used, o
Error of the Comp	oass by Azimuth O observed at	, ship's head	0		II .
Deviation of the C	Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used, •
Water expended d	uring the preceding 24 hours,		40	0	gallons.
Water	during the preceding 2	4 hours,			
Water remaining of	on hand fit for use at Noon,		24	80	
Coal consumed du	ring the preceding 24 hours,		tons /o		lbs.
Coal remaining on	hand at Noon,		136 " 15	30	"

P. M.													
1	9.	lace	٤.	ga.	9.94	4-5	29.95	71	71	67	0.0.m.	cir.oum.	0
2	0	8	Ebb.	Chest.		5.6	29.90			66			0
3	1	2		NO.		5.6	29.83			67			0
4	1	4				5-6	29.87	71	71	67		winit .	6
5	1	0	-			5-6	29.80	70	70	67		cum . wint.	0
6	0	6	-		Olest	5-3	29.82				b.c.g.p.		4
7	9	urn	ging	9. ly 04.		3	29.82					11	3
8			Flord	Ponth	M. by 9.	3	29.82				b.e.	1.	3
9	0	8			2. E. N.	3-4.	29.84			-	b.c.g.		9
10	0	9				3.4	29.84				b.9,	Irme	10
11	0	7		9 %. by %.		3.5	29.84						10
Mid.	6	4		Orest.	Q1. N. 94.	3.5	29.84	65	63	54			10

U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m Ourceast and aqually first two hours. Cleaning last two, at close starlight. Light to fresh beary from East Dide numing eld.

Montgrung M. Laylow. Ensign W. J. N.

Orom 4 to 8 a.M.

Ornicast cloudy and damp. Tight to gentle breze from 6.96, vering to 9%. There (B.M. 20) returned on brand 47 hours over librity and N. J. The Paughton (Clo.) B. Hiller (B.C.) and J. Fillie (B.M. 10) returned on brand 24 hours one librity. At color seed up topgallant maste and crossed topgallant and royal yards. I back water wh J. a.M. Tenning to the flood at 730.

To Maxirlon Lieutewant U. J. W.

From 8 a. M. to Merid.

Product to stiff been from Inth to II. Owness and cloudy Tiding to flow Baconster falling. About 10.15 a 30 sent the Interior of appendices on above under the command of Link Capeton; it company in charge of Link Back, who company in charge believe Review and head of Europe Faylor. Everyon Solamon Adjutant, acid Paymath Selectio Commissay, and Treed Relieve Bette Linguage Fitte in Charge of Ambilians party. That the battalin school in Failing Samuel, it and with cutture and what back had battalin was marched to Praises Tyrais, when the apparatuse ever dulled in the Televil of the Congram and Televil of the Battalin. What 11. a. M. and talini back came in and accounts of us. Because in Zept of Engelies and accounts 106% lbs. feels but, 106% lbs. feels orgatables and 86 lbs. feels bread. Temperature of magzine 72 formers, 69 aft. Dorhauled the hydraulie cylinder of to 1. 4 inch B. 3 th. port side Gim No. 44.

From Merid to 4 4. m

Fit of to free hery from FN. Decrease and cloudy. Barometer felling: Commenced eveniging to eld almb 150m., did not got animal during watch. The wind bring a strong the ship awing trucker winds and tide. The battlem of apparetice estimated in brand, the bast boat load about 30m. During to atom, with brink to even the with a cuse of must to pull the earling launch back. Ho with all the brate everyth Gran Laurch.

Lieutewant W. J. Dr.

From 4 to 8 P.M

Overcash Clody and equally. Faff breeze from The breeze from The by F. At 4-30 cent down toppallant and eyel yards and toppallant much eyel gade and toppallant much as survey to flood tide.

Roger Welles. Jr. Eneign W. J. M.

Denn 8 P.M. to Phid.

I setle to stiff besser from Oh by it to Oh N N. blowing in strong jeeffe blear and pleasant. Prompigal Norm at at midnight. Commenced to suring to elt almb 11.30 not around at end of watch

Examined and found to be correct.

J. B. Mb ellen Leitewant Q. J. R.

Leutenant On S. M.

LOG of the UNITED STATES Thip Essex anchor in the Harbor of Charleston, & 6.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear)ths.	e Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.		dal	Curent	,													
1	0	5	&B\$.	N. W. by W.	N. N. W.	3.5			29.88	60	59	51		b.q.	none	10	
2	1	0		A by W.	,	3.5			29.88	59	58	51			,	10	
3	1	2		,		3-4			29.88	55	57	52		, :		10	
4	1	2		North		2			29.90	57	56	52		в.		10	-
5	1	0		N. N. W.		0-1			29.91	56	56	52		b.c.	cum	8	
6	0	3		N by 24.	FN.	1-2			29.92	55	56	54			,,	8	
7	0	2	Flord	· 9. 90.		1-2			29.93	55	56	54		f	nne	10	
8	0	3		991. ly 8.	Q1. 9 Q1.	2			29.94	55	56	51				10	
9	٥	2		South	Orest	2.3			29.93	60	60	56				10	
10	0	8		9. ly 91.		3			29.92	62	60	57			-	10	
11	0	4		9.9.91		4-5			29.89	64	62	59		b.g.		10	
Noon.	ç	Plac	k	99. by 04.		4-5			29.87	65-	63	60			-	10	

Course and distance	made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0	, "
	Longitude by D. R.	•	, ,,
Position at Noon:	Latitude by observations of O	•	, ,,
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
	Latitude by	•	
Position at 8 A. M.	Longitude by	0	, "
			, ,
Position at 8 P. M.	Landaude bu	0	, ,,
Current during the t			
		0.	
		0	' variation used. ° '
	npass by Azimuth ⊙ observed at , ship's head	0	variation used,
	s by Azimuth ⊙ observed at , ship's head	0	variation used.
Deviation of the Con	npass by Azimuth ⊙ observed at , ship's head		
Water expended dur	ing the preceding 24 hours,	50	
Water	during the preceding 24 hours,	10	
Water remaining on	hand fit for use at Noon,	19	
Coal consumed durin	g the preceding 24 hours,	tons 8	
Coal remaining on ha	and at Noon,	136 " 65	îo "

. M.											-	
1	0	2	abb.	Ox. by 9.	Otest	3.5	29.83 67	65	2.8	leg.	none	10
2	0	6		94.58		3.5	29.82 69					10
		9		104.		3-5-	29.79 70	68	57	bo.g.	cir. cum.	9
4	2	0		A. Of. by N.		3.5	29.78 70	68	57		1	9
5	1	6		191.		3-5-	29.77 70	68	57			9
6	0	5-			9.9%.	3-4	29.77 68					9
7	9	Flace		994.		3	29.77 65			-		9
8				9. ly 04.		3	29.77 65			b.	none.	10
9				9.98.	9%	0-1	29.78 64			. b.c. w.	cir.cum.	3
10				6.46.	North	. 5.6	29.82 59					9
11				16. ly 6	7	5.7	29.86 58	1			,	7
Mid.		-		N 6. by N.		5.4	29.88 57	57	52			4

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a. M. Sear and cool. Gentle to stiff breeze blowing in frequent aqualle first three home, moderating to a hight breeze last home. Blught starlight. Riding to the eltitude.

WAS aperton and Sintement On J. M.

Eight aire to light bruze from A. N. to IV. Blear and pleasant. Dide turned flood at 6.30. Euro up topgellant mater and topgallant yarde and loved sail at 4.15. Herited out valling launch. An ach lighter came alongide at 9.46. Persisted in Dept of Supplies and accounts, 106/4 lb. field haf, 106/4 lb. field mattake, and 85 lb. feels brad.

Quar Clearer De S. M.

From 8 a. On. to Oneid.

Sentle to stiff bury from These, blowing in occasional strong equally blear and pleasant. About tide until 11.30 when conserved awaying to Et. Overhauled hydraule cylinder of Lew No. 49.

Backand No. 1 Paging Five Refer and found it is good condition. A 49 cant the battalin of appeciative on show, in Fram Samuel, Failing Samuel, 1st and 1st butter, I team Samuel truing the rest of the both after the battalion was landed the boots wow trued back to the ahip and was and ashow again for the battalion at 1150. The battalion was marchests gravin Ignac when it was distinct in the I chool of the Company and the I chool of the battalion. The battalion was in command of Sunt Caputer, Sint Claus in charge of 14 Company, Energy Cheller in change of we Company Energy braman adjutant, Energy Saylor in change of Perseur Present Secretary Turgent Fith in change of ambitance party and accitant Paymeter Beck Commerciary. Engaged during formor in making preparation and in setting up britisheye Senguation of magazine 72 found 69° aft.

. B. Mailton Lieutenant W. J. W.

merid to + G.m.

Clear and placeant Gentle to stiff brey in equally from Heet . Barmeter falling to risted earling launch and 2rd cutter Received in braid 400 gallow of freel water for washing . The appointing under describe of ever engaged in setting up etanding rigging.

Roger Welles, Jr., Energie M. F. M.

From 4 to 8 P.m.

Clear and pleasant. Gentle to moderate brey from 9.5%. At 6.30 cent down topgallant master and rands british 14 cetter and singly. At 5.30 mutered at Eventure and several out clear harmonics. At 7.00 Jeunged not chip. No. J. Colsman

Eurign V. S. W. From 8 G. M. to Mid Dais fich how, then clear and cook, and cloudy last how. Eight air from IN. with 9 so when the word auddury came nh in stiff to fresh breyer in frequent agustle from North and wireased to very fresh breyer Examined and found to be correct last two homes Surgentine felt 52 between 9 and 10 0 closes. Their ending across senior and tale Barmeter viving rapidly Willaporton.

use Lieutenant Ch. In.

J. B. M. illon, Lintural On & Mr. Changeton

Third Rate,

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston Fl.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Shejes head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.		lab l	runent												civ eum		
1	0	8	-	North	N by 26.	5.6			29.89	2.6	56	50		b.c.g.	cas. mil	.5	
2	0	4	_	N.W.	0	4			29.89	54	54	49		b.g.	none	10	
3	0	8	Ebt.	A. J. W.		3.4			29.90	52	53	47		b.	-	10	
4	2	3		"		3			29.90	5-1	52	46				10	
5	1	4		n		2.3			29.92	50	51	46		b.c.	cum	8	
6	1	4		N by 94.	,,	2			19.95	48	49	45				8	
7	0					2			29.98					b.	none	10	
8	0	2		North	North	3			29.98						-	10	
9	g.	lace	6	4.46.		3			30.00	52	53	47			-	10	
10	0	8	Flord	6.96.		3			30.01	55	5.5	50				10	
11		8		9. by W.		3			30.02	56	59	52			1.	10	
Noon.	0	6		\$ ky &.		3			30.03	60	62	55			-	10	
11	0	8		9. by W.							1						

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / "
Longitude by D. R.	0 / //
Position at Noon: Latitude by observations of ©	0 / "
Longitude by chronometer from Forenoon Observations of O	0 / //
(Latitude by	0 , "
Position at 8 A. M. Longitude by	0 1 "
(Latitude by	0 1 11
Position at 8 P. M. Longitude by	0 1 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	/280 gallons.
Water Necurid during the preceding 24 hours,	1600 "
Water remaining on hand fit for use at Noon,	2300 "
Coal consumed during the preceding 24 hours,	tons 880 lbs.
Coal remaining on hand at Noon,	135 " 1910 "

P. M.													
	0	3	Flord	901. by 9.	Ch. sol.	3	30.04	63	67	58	b.	none	10
2	0	7	Glack	94. by F.	N. N 04.	3.4	30.04						10
			Ebl.	NOt. by St.	West.	2	30.04	65	64	56.			10
4	1	2	-	Aly W.		2	30.04	65	64	56			10
5	2			N. N. O.		2	30.04	65	64	56	b.m.		10
6	2	0			NOV.	2	30.04	65	64	56		1	10
7	1	8		Is orth	A by 84.	2	30.04	65	64	56			10
8	0	8		Aly 6.		2	30.09	63	62	54			10
9		Ila	ch	16.	1.16	4	30.10	58	59	52	6.		10
10	0	4	Flord	6.96.		4	30.14	58	57	51	1.91	-	10
11	0	6		96. by 6.		4	30.14	56	55	50			10
Mid.	0	6	-			4	30.14	55	54	48	-		10

U. S. Navy,

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. . Stiff to first breeze from N by th blaving in heavy aquelle free hour, modulating during remainder of watch bloody and this strong first hour, afterwards clear, with bught standards. More set at 106. Flowing ell todo running after 130

Que R. Guiden and W. Sa.

Clear and cool. Light to gettle breef from it by the and is with Frushed Turmonesse. At 7.30 and my topgalland maste and topgalland and royal garder. Received goo gallow fresh water. Received in Pay Department 106/4 lb. buf, 106/4 lb. rightables and 85 lb. brade. Riding to all.

Wardgrung W. Leyber " Europe W. & M.

From 8 a. On. to Merid. Colean and pleasant Gentle breef from North Barometer riving At 9 30 meetered at a speatrer, the following men orietarying librity - J. Drummy (Aga 30) & F. Mille & B. and J. P. Greeklen & M. 20). As 9.45 lowed and and only with appentice for pulling and earling, 14 and 2nd cutter, whalebook grig and dualny, not returning to the chip till 11.45. At 11.50 winh to quarter and turned in Securities of magazine 70° forward and 66° aft.

bloger Weller In Enign W. J. N.

Our merid to 4 9 m.

Elean and pleasant. Sentle to moderate been from N. N. M. to Neel at 115 the 14 and 2nd cutter whalebook and and dingly in change of an offer and their convenes with appentices abold, earlied in it is of of Tunter landed, and at 3 o'closes stood backs towards the ship

n. M. Cool man Eurige D. J. W.

From H to 8 PM.

Clear and pleasant, with hight have my land. Light breeze from West vicing to

N by M. This viding to the We tide. At 6 Pm. sent down topgallant and royal yarde. Fruit librity
party of new asher.

Walapirton. Linterwant W. J. M.

Fum 8 G.m. to Mid.

Whodevate breeze blowing in puffer from A. N.E. Blear and cook. Bright mornhight. Dide turned flood at 8.30

> Geo. R. Clark, Truitewant U. J. W.

J. B. Me illon, Navigator. Seintenmet & S.W.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston Th.

			Panding		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	Ships had	Direction by Standard Compass.	Fpree.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al 6	unent														
1	0	5	Bland	6. by F.	South	3.5			30.13	55	54	48		6.91	none	10	
2	0	2		East.		3-5			30.12	53	53	47				10	
3	4	Pla	ck	Shorth		3.5-			30.12	51	51	45		b.		10	
4			EH.	N 46.		3			30.11	50	50	45				10	
5		9		N ly 94.	Aly Ol.	2			30.12	49	49	45		b.m.		10	1
	0	1		N.N. 94.	N. N. O.	3			30.13	49	48	45		b.c.m.	etral.	9	
	1	1		1 by 96.	"	3			30.14	47	48	45		b.m.	in	10	
8		9		Storth	A by Of.	3			30.15	50	50	47				10	
	0	4		1. by E.	Alley N.	3			30.18	52	53	49				10	
10		2		1.16.		3			30.18	- 56	57	51				10	
11			Flord	6.16.		3.4			30.18							10	
Noon.	1		-	6. by 9.		3.4			30.16							10.	-

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 1	"
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Forenoon Observations	s of O o	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 /	"
		0 /	"
Position at 8 P. M.	Latitude by		
	(Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to th	e	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 (variation used,
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	"
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
	aring the preceding 24 hours,	450	gallons,
Water	during the preceding 24 hours,		"
		1850	
	n hand fit for use at Noon,	tons 5 6 p	lbs.
	ing the preceding 24 hours,	135 " /350	
Coal remaining on	hand at Noon,	155 " 1550	

P. M.														
1		4	Flord	96.	1.16.	3-4	30.16	63	66	58	b.	none	10	
2	0	5		East	North	3-4	30.14	64	66	58		,	10	
3	1	flac	ic .	North		3-4	30.10	64	64	5.5	:		10	
4	0	4	Ebt.	194.	-	3-4	30.10	64	64	55			10	
5	0	8		North	1. 1.01.	2-3	80.11	66	64	56			10	
6	1	2		. S. by %.	N by 24.	2	30.13	66	64	56	b.m.		10	
7	0	4		A 9. by S.	N 94. by N.	1	30.14	65	63	5.5-	b.o.m.	cum	9	
8	0	6		North	9. W.	2	30.16	63	61	5.3	b.	none	10	
9	0	7		N. by 6.	9. by 04.	2	30.18	62	60	52			10	
10	0	2		£6.	1	2	30.19	61	59	51	b. on w.		10	
11	0	5-	Flord	Louth	-	2	30.19						10	
Mid.	0	9				2	30.19						10	
		1							1					

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Grudnight to 4 a. m. blear and cook Gentle to fresh breeze from North Plack water at 30 clock. Mom set about 2:15.

Montgowy M. Laylor Energy W. J. M.

From it to 8 a.m.

Elean and cold . Light to gentle been from It by W. to A N. M. Barometer riving. This riding to abl tide. At 7.30 croud topgallant yands. Received 103 % lbs. negitables, 103 % lbs. baf, and 80 lbs. baad which passed inspection.

Rogu Weller Jr., Ensign W. F. M.

Orom 8 a. m. to Merid.

Clear and cool. Sentle to moderate bergs from N. M. by N. U. 9. 30 sounded call to Seneral Quarteer and director reported mady as follows: Engineers Director 9.31; Mangators Director 9.36, after Pooler Director 9.34, 2nd Director 9.36, 3nd Director 9.35, 3nd D cocks and found them in good condition and working order.

n. J. Coleman

From Merid to 4 9.9m.

Clear, warm and pleasant. Eight to moderate begge from N. V.E. and North. Flack water at 30 clock and some to the All at 30 Sut there in and some material on medicion and early in brate during 3th and 4 " periodic. 1th water warm on likety at 10 clock. Quehanded hydraulie cylinder of Nos. 43 and 48, it R. S. land found them in good condition. A A Young Clear was this day decharged from the N. E. Navel Tenen by oder of the Burew of Panglatin and F. Tawimi (Rew Otte) was the day transfered to the Rand Hugital of free for treatment. Lieutenant U. F. N.

Sentle breen to light and howling from N. N. N. to I. N. Clear and pleasant. Est title. That a librity party of new ashor. apparticul librity party returned except the following named brye: F. allen, E. audeune, J. L. Barne, C. E. Crown, J. Davie H. Elladriger, H. Bandert B. J. Carray. A. Beer A. H. Johnson, G. Davien, J. Davier, J. Davier, J. Davier, J. Davier, J. Davier, J. Davier, J. D. Nach, H. N. Lunger, L. B. Hakker, N. J. Nortman, C. M. Nright, L. E. Graham, F. Pany, Ut 400 carrends at fix quarters: Denie: 3 nd division, 2'10; 8th direin, 3'20; Pomber division 1'15; Assignton division 8'20". Rleak,

From 8 P. M. to Onid.

Light breeze from F. by W. Clean and pleasant. About 10. commenced inviging to flood, got around about 10 no. The following apprentices extremed on bout 6 hours writing: F. Allow, J. Bairs, E. Gaudet, 18. J. Haurry, Examined and found to be correct, a. Hess and E. W. Wright

J. B. Me illon, Suitenant Ou & Du. J. B. Moillen, Navigator.

-	-	1							1							-	4
			Reading		WIND.				BAROME					State of	Forms of	Clean Other	e Se
Hour.	Knots.	Tenths.	of	Sluger head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	Did	al t	Surent	0													
A. M.		,	24 .	f. 9 &	9. by 04.	,			30.16	50		.07		l		10	
			Flord	J. J 6.	o. vy w.	1								b.m.		10	
2	0	2				1			30.13						"	10	
3	0	4	1.	9. ly 6.		1			30.13	57	57	55				10	
4	C	tlac	k.	994.		1			30.13	57	57	55	100	"		10	
			EH		balm.	0			30.12	55	5-5-	52		b.c.m.	strak.	8	
	1			N by 04.	N. by 01.	1			30.15	55	55	52		b.m.	none	10	
				N. A. a.		2			30.16	55	55	52				10	
8	1	2	-	N orth		2			30.18	56	56	53		b.c.m.	strak	8	
	0				No orth	2			30.20	62	60	56		-b.m.	none	10	
10		8				2			30.21	64	61	56					
11					N. E. by N.	1-2			30.20	66	64	56				10	
Noon.				I E. by N. Twinging		1-2			30.19	67	66	58			cir stat		
				0 1													

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	•	
	Longitude by D. R.		, ,,
Position at Noon:	Latitude by observations of ⊙	0	, "
	Longitude by chronometer from Forenoon Observations of O	0	, ,,
	(Latitude by	0	
Position at 8 A. M.	Longitude by	0	, ,
		•	, "
Position at 8 P. M.	I caraitude by	0	, "
Current during the		0	,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	, ,,
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	. 0	variation used, o
Water expended du	aring the preceding 24 hours,	95	O gallons.
Water	during the preceding 24 hours,	,	
Water remaining o	n hand fit for use at Noon,	90	0 "
	ing the preceding 24 hours,	tons /2	
Coal remaining on		135" 7	0 "

P. M														
		0	5	Flord.	9 ly E.	South	2.3	30.19	68	67	59	b.c.m.	cir. stul	9
2		0	9				2.3	30.14	68	67	59			9
3		0	9				2-3	30.09	67	66	58		-	5
4		0	8	-	South		2.3	30.08	65	66	58			5
5	,	9	lace	k.	9 W.		2-3	30.08	66	66	58			5.
1	3	0	4	EH.	West		3	30.10	68	66	59			6
1	-	1	2		N. by 04.		3	30.70	63	64	60			6
8	3	1	4				3	30.70	63	64	60	,		7
1	,	1	2	-		Otest	1	30. 10	63	64	60			7
10)	1	0				1	30.10	63	64	60			7
11		0	4	Blood	16. by N.	Calm	0	30. 10	63	60	60			7
Mic	1.	1	2		9. by 8.		0	30.08	63	60	60			6
					1									

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. . Elsan, with light mich. Tight air from I by M. Baronster falling. Riding to floor tide, Ligh water slack at 4.00

Roger Weller fr. & 9.

From 4 to 8 a. 9h.

Hagy and cool balow to high breeze from I by 9h. Baroneter vising. Provide up annull book that was frotting by the ship bottom up. Becaude on braid in Department of Edgelie and lecente the following field persience 100 lb leef, 100 lb negtables, 80 lb. brad.

Miss Ensign V. J. N

Orom 8 a. On. to Overid.

Clean, warm and pleasant Light air and buys from North vering to N. E. by N. Eleaning this incide and orticle The following appendixes 3th Law, was about very leave: J. D. Curning E. Cadawi, S. E. Brown, J. C. Cach, G. Ferry J. S. Brown, J. C. Cach, G. Ferry J. S. Brown, J. S. Cach, C. W. & Standard J. S. Cach, College, College, S. C. Cach, College, Co Flack water at 11.30 and everying to est tide. It Samuar and J. O. Rock (apple 30) extressed or brad 1612 hour retires . Description of magazine 69 grand, 66° aft. I Ramond Ch. & Mate represent the expection of his term of W. D. Caperton

Lieutenant Q. J. W. Dum Merid to H J.M. From Trease to the Stagle to quite berry from Firth. Fair and pleasant. Flood tide. Such likety fresty of apprentices (2-devate) and may ashow. It is Employ and b. F. Chelker applies. 3 clave, extremed for braid 19 hour creticus. J. F. Cheller & M. 20, was brough on braid by the Peatre as lune, 3 days and 9 hour creticus. The E. F. Fitzens Brain can at 245 G. Rauna (bl. 6. Sate) was their day dividually by uses of experiation of whiteach

Gent Grant & F. R.

Oum + to 8 9.90.

Mity and pleasure Gentle bery from Final. Link. J. S. Pucall left the ship with order to regard to the Company of the Gentle Grown Judy for testinal in the Rosal Respital at that place & Charges in Light of Supplies and Technical Jobs She feel heef, got the feel negatible and Hill feel beat. Furning to 24 title alms 4-30.

Musigonery M. Laylor & Europo a & D.

From 8 F. M. to Ouds.

Printy and pleasant Light Westerly air and calm. Baroneter steady. The following apprentices extremed from likely 5 hours oritims: - J. J. Donahue F. F. Kalein & J. Hauner J. M. Fraich and J. a. Waleh.

Roger Welle Jr. Ensign & & R.

Examined and found to be correct.

J. B. Me illow, Savigator.

LOG of the UNITED STATES. Thip Essex At anchor in the Harbor of Charleston, F.C.

		Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.				BAROMETER.		TEMPERATURE.				Hear ths.	e Sea	
	Knots.				Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
A. M.	Vida	el t	Secretal														
1	1	4	Flord	9.96.	FW.	1-2			30.08	61	61	59		b.c.m.	cir atias	9	
2	1	0		9 by 6		1-2			30.07	60	61	59				9	
3	0	8		South		1			30.06	60	-61	59			,	7	
4	0	7	-			0-1			30.06	60	61	59				7	
		ack		fly 6.	balm	0			30.08	60	61	59				7	
6	9	Russia.	guing to d	566. J. O. Ly O.	West.	0-1			30.10	61	61	59			Cir. cum	5	
7	0	6	1601	Aly &.	J. W. Ly W.	1			30.13	62	62	60			-	5	
	1		-	4. NO.		1-2			30.13	62	62	60			runib	2	
9	1	5			9.94.	2			30.12	63	64	62		b.c.	Cumawit	2	100
10		6		Is orth		2			30:12	66	66	63			,	2	
11	0	8		A 94.		3			30.13	67	67	63				3	
Noon.		Ila	ck	F. by Or.	Fouth.	3			30.12	69	67	63			-	3	

Course and distance made good since preceding noon by observations,	knots.	tenths.						
(Latitude by D. R.	0 ,	ıı .						
Longitude by D. R.	0 ,	"						
Position at Noon: Latitude by observations of O		u .						
Longitude by chronometer from Forenoon Observations of ②	0 ,	"						
(Latitude by	0 ,	n						
Position at 8 A. M. Longitude by	0 /	"						
(Latitude by	· ,	"						
Position at 8 P. M. Longitude by	0 /	"						
Current during the time, knots tenths per hour, setting to the								
Error of the Compass by Azimuth ⊙ observed at , ship's head								
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	. 0 ,	variation used,						
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	и						
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o						
Water expended during the preceding 24 hours,	450 gallons.							
Water Accessed during the preceding 24 hours,	800	"						
Water remaining on hand fit for use at Noon,	1250	, "						
Coal consumed during the preceding 24 hours,	tons 960	lbs.						
Coal remaining on hand at Noon,	134 " 1350	"						

Р. М.		.,	Flord	Fouth	F. ly W.	2-3	30.11	70	68	63	ha	cir. cum.		
			CATIO	"		3	30.11					cir.		
				9. ly 6.	£90.	3	30.10					cir.cum		
				7	9. by W.	2-3	30.08	-					5	
				Porth		2-3	30.10					cum.	4	
6	0	2				2-3	30.09	67	67	64		-	4	
7	0	5-	Ebt.	Ohest.	9.96.	12.3	30.07	67	67	64		cum unit.	2	
8	1	5		North		3	30.05	66	67	65	0.c.d.	mint.	0	
9	1	2	-		Inoth	3	30.11	68	66	65			0	
10	0	8				2	30.11	68	66	65	0. c. p.		0	
11	1	0		16. by 6.	96.	2	30.11	67	66	65			0	
Mid.		91	lack			2	30. 11	67	66	65	0.0.		0	

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midnight to 4 a. On

Hazy and cool. Mornlight Light airs to light breeze from F.M.

n. J. Colsman Energy Ou. J. M.

Fum 4 to 8 a. m.

Cloudy and bazy. Calm and light airs from thet and No M by M. Turng to the left todo at 5.45 Flack water at 8.15. Plater boat came alonged at 7.45 and commewed taking in fresh water at y. 50.

W.B. Leistewant Or. S.M.

Oum 8 a. M. to Merid

Light to guttle breye from F.M. and Forth. Partly cloudy and pleasant. Ell tide Particol crew at guarties at g. 30. The following named appendixed wire sobresh inthint leave: J. Drummey, E. audien Joh Burm, C. E. Cenw, H. M. Ellentinger a. M. J. Junes, J. Sindhilm, E. J. Moore, F. Perry, N. J. Wotnaw B. E. Graham, E. K. Clank. S. O. Lill, B. E. Harrow, J. Navanagh. C. Lohmille, P. J. Enghlin, A. A. Manguant G. Fritz, A. Reyer, & O. Moore, R. W. Clam, N. A. (Rose, N. E. Fritch, B. N. Frieder, E. T. Allame, and E. T. Mellin (E. 10). Prong. 45 to 1100 religiones arrows with an bread andward by the Res. E. E. Chirthetter, Cohapian of the Manuse Chapel Chapel Bhaileton. & E. Kadam. J. Lindhilm, A. S. Johnson, W. J. N. others, M. E. Clenkeyer, N. E. Fritch, S. Shith, S. Shite J. J. Songhlin, and R. E. Kreen returned.

J. Lindhilm, A. M. Johnson, W. J. N. others, M. C. Ellentinger, N. E. Fritch, S. Shite, J. Johnson, E. C. Event returned. on board, the first fine mentioned, 41 hr hours, and the others 17 hr hours, continue. December on board from water boat 800 gallow of fresh water. Dengenative of magazine 70° forward, 66° aft.

Genelland Quel. M.

From Overid to 4 P.m

Clean and pleasant. Gentle been from I by & and I I D. H. a. Olson and a. a. Marquardt (appire 3 2) returned in board 21 lines were time and B. D. Steinton (app 30) 19 hour writing. Piding to flood I Marnow excluted for thus year as Carpenters thate I class.

Hundgareng dr. Lengton Ensign U. F. M.

From 4 to 8 9.9%.

Cloudy with duysing rain last how. Fight to gentle been from I by It. to I. I & Baronette falling. Many visitors on brand to 600. British first cutter and zig. At 7.38 the following apprentices returned on brand: 6.6 Comm 49 1/2 hour return and Potaty and Is. Rose both 2512 knew virtums.

Roger Welles. h. Ensign Qu. F. M.

From 8 G.M. to Mil.

Cloudy with light passing shower Light breen from South The following apprentices returned about oritime: J. Havenagh 28 hours: a. Miyer 28 hours: 6. Tokuntles 28 hours: J. J. Moore 52 hours.

N. S. Cofeman Energy Or S. Ok

Examined and found to be correct.

J. B. Me illow Navigator. Lieutewark W. S. M.

			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Sujie head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Jid	al b	unint														-
1	0	1	Flord.	Porth	Inth	0-1			30.13	66	65	64		O.C. N.	cum. nuil	. 0	
2	0	4			9. ly 6.	1-2			30.12	65	64	63			muit	0	
3	0	8		9.86.		2			30.12	65	64	63				0	
4	0	6		96.	96.	2-3			30.11	65	64	63		0.c.n.l.	"	0	
5	0	5	-	96. by 9.		2			30.10	65	64	63		0.c.l.	-	0	
6	0	1		Prith		1-2			30.12	63	64	63		b.c.	am. remit	3	
7		Flo	ck			1			30.13	64	64	63				2	
8	1	0	E14.	Sorth	East.	2			30.16	64	64	64			cir. eum	1	
9	1	5			6.96.	2.3			30.19	66	65	64		b.e.m.	eum.	2	
10	1	8				2.3			30.21	67	65	64				4	
11	1	9				2-3			30.22	67	66	64				6	
Noon.	1	9		N. by E.		2-3			30.24	67	66	64				7	

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 / //	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ⊙	0 / "	
	Longitude by chronometer from Forenoon Observations of O	0 / "	
	(Latitude by	0 , "	
Position at 8 A. M.	Longitude by	0 / "	
	(Latitude by	0 1 11	
Position at 8 P. M.	Latitude by Longitude by	0 1 11	
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth O observed at , ship's head	• .	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '	
Error of the Compa	ass by Azimuth O observed at , ship's head	0 / "	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used, o	
Water expended du	aring the preceding 24 hours,	450 gallons.	
Water	during the preceding 24 hours,	"	
Water remaining or	n hand fit for use at Noon,	800 "	
Coal consumed dur	ing the preceding 24 hours,	tons 960 lbs.	
Coal remaining on	hand at Noon,	tons 960 lbs. 134 " 390 "	

P. M.														
1	0	flace	ł	6. ly 9.	6.96.	2-3	30.21	69	67	66	b.c.m.	cum.	9	
2			Flord	0	96. by 9.	2	30.21	69	68	67			9	
3	0	7		,,		2	30.20	69	68	67	l m.	MAN	10	
4		5				2	30.19	69	68	67			10	
5	0	2	,,	96. by 9.		2	30.19	69	68	67			10	
6	8	4		96.	-	. 2	30.18	67	67	66	-		10	
7	9	lace	6			2	30.19	68	67	66		.,	10	
8	9,	ving	ing	North	98.	2	30.19	67	67	66			10	
9	1	8	Elf.			1.2	30.24				b.m.w	"	10	
10	2	4	,	"	9. 86.	1-2	30.24	68	67	66		"	10	
11	2	5		4	balm	0	30.24	68	67	66			10	
Mid.	2	2	-			0	30.24	68	67	66			10	
									'					-

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M.

Cludy, with passing chown and rain. Tight wis and breys from South and I by 6. Turing to the flood tide at 12.30 (Noon 2st alms 3.50 a. M.

WBCaperlow.

From 4 to 8 a.m

Eight airs to light brees from 96 and East. Cool and cloudy. Furning to the elb tide. Received on braid in Pay Department 83% lbs. fresh buf, 8344 lbs. fresh brightables and 64 lbs. brad. At 8 00 covered injuly guider and broad each.

quarterent, Re Lieutenant W. J. M.

Oum 8 a. M. to Merid

(Misty and warm. Gently breeze from E. F. E. At 9.30 mustured at quarters, following absenters: 6 D. Wille (Fic), J. Drummey, E. andrum J. L. Brown, F. Perry, E ob. Clark. 6 a till & D. Vern and E. T. Ot Mame aggirs 3th class) Reserved in Construction Department 300 feet milled white lumber, and in Equipment Department two code word and two barrels laid oil . The Commanding Office made an official orich to the Oh. F. B. Backe. Immediately after quarters called all brate arm and away (except dugly and exercised at tactice under oars. Piding to ell tide. at 11.30 fuled sail Temperature of magazine 7 Formul

mordjonery M. Layen Energy O. J. R.

From Merid to 4 P.M.

Phit, and pleasant. Eight air and bezzer from E. F. znd J. E. B. Barometer falling. Turneric going vorchauted the cylinder of the 6 year Hotelkier R. F. Birner. W. 1.00 the 3rd watch were grine mouly moved and their literation close. The first watch had mailineapite examineship, vailmaking and erganle from 1.15 to 2.15; general from 2.30 to 3.30 and accounts from 3.45 to end of watch. The event with had brat everies and euromorphism 1.30 to 3.30 and broadswords from 3.45 to end of watch. This event to the first tide at 12.45.

Roger Welles Jr. Eneign Q. F. M.

Prome 4 to 8 P.m.

Clear and pleasant Sight breeze from 95 by 9. O Perry (app 30) returned on brand having been absent continue of home. At 50 sent down toggetlant and copil jude. Liberty party of boyse returned on brand Received on brand these barrels of oil in Dept. Fram Engineering.

N. J. Coleman N. J. Coleman Ensign Ch. J. Ch.

From 8 P.M. to Mid.
Clean and damp. Bright starlight and monlight night. balow and light wire
from 96. and 9.96. This viding to the elst tide.

M. M. Caperlow. Sentenant Qu. S. Q.

Examined and found to be correct.

J. 13. Moillon, Lieutenant V. F. Ok

LOG of the UNITED STATES Thip Essex Third Rate, anchor in the Harbor of Charleston, To.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Hear the.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al t	burrent														
1	9	Plan	k	16. by N.	Calm	0			30.22	66	66	65		b.w.	none	10	
2	0	5-	Flord	9 8. By 9.		0			30.21	66	66	65		,,	"	10	
3	0	7		F. F.		0			30.20	66	66	65				10	
4	0	7				0			30.20	66	66	65				10	
5	0	5-				0			30.19	67	66	65		b.c.m.w.	cum.	9	
6	0	4		,,	,	0			30.19	66	66	65		b.c.m.	cir .cum	8	
7	0	1		9.904.		0			30.20	66	66	65		b. m.	none	10	
8	9	ww	guing 1	to Ebl.		0			30.22	65	66	65			"	10	
9	1	7	Ell	N. by 24.		0			30.25	69	68	67		"	,,	10	-
10	1	8		N. N. W.	O4. F. O4.	2			30.28	71	69	68		b.c.	cir. um	. 5	
11	1	5		North		2			30.28	72	70	69				5	-
Noon.	1	1		N by 94.	gov.	2			30.27	72	71	70				5	
-				0				-									

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / "
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of O	0 , "
Longitude by chronometer from Forenoon Observations of	f O ' "
(Latitude by	0 , "
Position at 8 A. M. Longitude by	0 , "
(Latitude by	0 / "
Position at 8 P. M. { Latitude by Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	• ,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	400 gallons.
Water recewid during the preceding 24 hours,	1100 "
Water remaining on hand fit for use at Noon,	1500 "
Coal consumed during the preceding 24 hours,	tons /440 lbs.
Coal remaining on hand at Noon,	/33 " //90 "

P. M.													
1	1	0	EH.	N. N. W.	Fouth	2-3	30.24	73	71	68	b.c.m.	cir.cum	7
2	0	5	Flord	F%.	,,	2-3	30.22						8
3	0	9		South	9. by %.	3	30.20	74	72	68	,		9
4	0	8				3	30.18	74	72	68			9
5	0	2			,,	3	30.18	73	72	68			9
6	0	4		,	9.96.	3	30.18	71	71	68	b.	none	10
7	0	5		,	11'	3	30.18	70	70	68			10
8	9	lac	N	9° 04. by 04.		3	30.20	70	70	68	-	-	10
9	0	9	Ell.	NON. by N.	901. by 8.	3	30.19	69	68	67	b. w.		10
10	1	6		1.101.	fox.	3	30.19	69	68	67			10
11	1	8	,,	,	,	3	30.19				4		10
Mid.	1	4				2	30.19						10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Gridnight to 4 a.M. Lalm and clear. Bright mornlight. They heavy dew. Began sunging to flood tide at 130 and frushed sunging at 1.45.

Gen R. Cleintenant V. J. W.

From 4 to 8 Q. Ch.

Examy onist, cleaning last part. Calm. Thorn set at 4 20. Received in Pay Department
88 % lbs beef, 88 3/4 lbs. orgetables, auch 71 lbs. bread. At 80 clock crossed topigallant yards.

Handspring w. Langler Ensign al. S. Ok.

From 8a. On. to Merid.

Cloudy warm and pleasant. Calms to light breeze from Oh. J. Oh. to 90%. (Mustered at quarter at 930 with the following apparentices reported overstaying librity; & andrew, J. L. Brown, & H. Clark & a. Lill, & O Rellams and H. Cooper, at 1000 G. O Moort (app 30) returned on broad by hour overtime of Dummey (app 30) and & F. O'nelled F. 10h) were this day declared deserters from the Seavest Ferren and their personal effects were pooled at auction on broad their ship at 11.45 All appendices were diclied at loosing and failing earl, first to a booline then to a bruthere. Received on board 1100 gallow of first water. Oribralled the cylinder of both 1 par. Hotchker R. & G. S. S. Novis 9 and 52. Demperature of magazines forward 71°, aft 66°.

Roger Chelles Ja, Ensign W. F. M.

From Overid to 4 P. M. Severally clear and scheasant. Light to gentle breeze from Fouth to F. by V. Received 1500 gallow fresh water on board. Thisted jet, fore topmast staypail, fore topsail and foresail and lovered and eccaped spanker gaff and horised it in place again. Tend out clothing and small stone to appoint it is appointed and crew.

N. P. So Canan.

n. J. Soleman Ensign U.S.W.

From 4 to 8 P.M.

blear and five wrather. Gentle breeze from Fby W. a large writing party from the Carolina Gach Club came on board at 5.30. Web 50 and down topgellout yards. Riding to the flood tide Flack water at 8 0 clock.

W. D. Caper Tow.

From 8 P. M. to Mid.

Hentle to light breeze from FN. by & and F. V. bleav and cool. Bright mornlight. Heavy dew. Ftway left title. At 10.30 discovered & O. Moon, F. Perry, and R. E. Henson appires 3rd bless, making an attempt to leave the ship in the punt.

Gen R. Ce Lieutenaul Qu. S. Q.

* J. Dunmmy (Gyp 30) declared a deserter from the 7th inst. E. O. Miller G. 1 c) declared a deserter from the 9th inst.

J. B. Mo More, Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, archor in the Harbor of Charleston & 6

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Hear ths.	o Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Shup's head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S.
A. M.	Zid	al E	Surrent														
1	2	3	EH.	No by W.	FON. by F.	2.3			30.21	68	68	67		b.w.	none	10	
2	0	8		N. N. E.	. "	2			30.21	68	68	64				10	-
3	0	7	Blood	Fouth	901. by 94	1-2			30.18	68	68	67				10	
4	0	7		9. ly 6.	. 1	1-2			30.19	68	67	67		"		10	
5	0	8		9. 9. 6.	Calm	0			30.19	68	67	67		b.c.w.	cum.	7	
6	0	5				0			30.19	67	67	67				6	
7	0	4				0			30.19					b.c.m.	cir.cum.	6	
8	0	2	-		96.	0-1			30.21	65	68	68				6	
9	0	7	Ebb	N. by %		1			30.29	70	70	70				7	
10	1	4		0		1			30.30	70	71	71				7	
11	1	5		North		1-3			30.30	70	69	69				5-	
Noon.	1	6				1-3			30.26	70	69	68				5-	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.		
	Latitude by D. R.			"		
	Longitude by D. R.			."		
Position at Noon:	Latitude by observations of O		0 '	"		
	Longitude by chronometer from For	renoon Observations of ⊙	0 ,	"		
	(Latitude by		0 ,	"		
Position at 8 A. M.	Longitude by		0 /	"		
	(Latitude by		0 /	. "		
Position at 8 P. M.	Longitude by		0 1	"		
Current during the	e time, knots tenths per	hour, setting to the				
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 ,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 '	variation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head		"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	. 0 ,	variation used,	0	
Water expended du	iring the preceding 24 hours,		400	gallons.		
Water receive	during the preceding	24 hours,	1500			
Water remaining o	n hand fit for use at Noon,		2600	"		
Coal consumed dur	ing the preceding 24 hours,		tons 880	lbs.		
Coal remaining on	hand at Noon,		133 " 310	4		

P. M.													
1	1	3	Ell.	J. N. E.	96.	2	30.30	70	69	68	b.c.m.	cir.cum.	4
2		tla	k	6.96.		2	30.32						6
3	0	3	Flord	96. by 6.		2	30.32						6
4	0	8		. 0		2	30.32					cer.cum.	4
5	0	9		6.98.	96. by 9.	2	30.30						5
6	0	7		96. by 9.		2	30.29						5
7	0	6		9.96	\$6.	2-3	30.28		,				2
8	0	5				2.3	30.27						2
9	C	Place	k	Q. S. Q.		2	30.22						2
10	1	7	Ebb	North		2	30.23				b. m.	none	10
11	1	4		Aby OU.		2	30.23	/					10
Mid.	1	3		1		21	30.23				-		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

(Midnight to 4 a. M. Slightly mitty. Bright movelight Slight axis to quite brey from FM by F. and F. M. by Dr. at 2 20 enemy to flood tide.

Montging to . Tenfor Ensign Ob . I. Ob

From 4 to 8 a. M.

Mity but pleasant. Calmes with light \$64 and last home. This viding to flood tide. at 8.00 consider hope allow made royal goods. Received 91/4 lbs. buf, 91/4 lbs. engitables, rand 73 lbs. busad which passed inspection.

Roger Welles J. Ensign & S. O.

Orom 8 a. On. to Merid.

Com 8 V. M. to Mered.

Cloudy and hay Eight air to guile breeze from F & 6 At 930 musticed at quarters and the following absurber une regarded & Andrew J. S. Brown & H. Clark & O. Mills & 3 Ohillams, and F. Cooper Eyer's 3th days, and & C. Kafe Cor). Ut 110 clack & O. Teep Cor) returned on board about northing a knew. Bad direction we greater from 9.30 to 10.30 From 10.46 to 11.15 second on a and elifted clean bage. The acting appointments of P. L. Norton Paulin) and J. Peteron Ch. M. at a. was received for as further facility of instruction to date from 5th 13.1374 and the latter from Eyer 1.1874. Command the form and Ch. Therefore and the soften applies 3th law and a learning affection are threated to 5 days with the primary confirment on bread and water for attempting to law align without permeasing purify and in succession from any found them in bread and water for attempting to law align without permeasing purify and in succession from against them in bread and water for attempting to law align without permeasing purify and in succession from against and found them in bread and water for attempting to law align without permeasing professions. working water. Temperature of magainer 712 formed 672 aft.

n. J. Coleman Eusign U.S. W.

Flood at 2.45. Making gregarations for exception in brand to the people of Charleston Decapted one life long while testing its Enning qualities.

Lentenant Ou. S. Ou.

Quellinant Qu. 8. 00

From 8 Pm. to Pricty with heavy dear. Light and from NE. At 830 the Master at arms reported F. Perry (app 3 ch) and b. O Promo (app 3 ch) about from the ship. Phip reduce to Ell tide after stack

Examined and found to be correct,

Roger Chilles, Je, Ensign a. & a.

Leitenaut & I. W.

LOG of the UNITED STATES Thip Essex Third Rate, archor in the Harbor of Charleston I & and making passage to

						0		*					N	mki	town &	/	1	
				Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
	A. M.	Jid	26	urrent														
	1	1	7	EH.	North	balm	0			30.24	71	70	70		b.c.w.	cum.	6	
	2	1	5		,,		0			30.24	71	70	70				5	
	3	0	2	Flas	16 "	9.96.	1-2			30.23	70	69	68			-"	4	
	4	0	1	Pur	iging of s		1-2			30.22	69	68	67		b.w.	none	10	
1	5	0	8	Flerd	19. ly 6.	Douth	0-1			30.31	69	68	66		b.c.	tum.strat	7	
	6	0	7	"	0		0-1			30.32	69	68	66		,,		8	
	7	0	5	,			2			30.33	69	69	68				9	
	8	0	4		Porth		2			30.36	69	69	68			cum.	8	
	9	0	5	64	g 94.	J. by 94.	2-3			30.37	70	71	69			eum.	7	
	10	1	6		N. N. 94.	,	3.4			30.37	70	71	69				7	
	11	2	5		So Ot. by St.	9 %. by f.	4			30.38	71	72	69			,	7	
	Noon.	2	4		. 1	0	4-5			30.38	71	72	69				7	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	•	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	. 0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	. "
Position at 8 P. M.	Longitude by	. 0	1	"
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	1	variation used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,	"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o
Water expended du	ring the preceding 24 hours,	50	0	gallons.
Water	during the preceding 24 hours,			
Water remaining o	n hand fit for use at Noon,	210	0	"
Coal consumed dur	ing the preceding 24 hours,	/ tons 6	40	lbs.
Coal remaining on	hand at Noon,	131" 11	710	"

P. M.														cir stept		
1	1	6	Elf.	16.	9 01. ly 9.	4-5			30.38	76	74	70	b.e.	cum.	7	
2	1	0	-	Q1: 404.	.,	4-5			30.34	76	74	70			4	
3	9	Place	Ł.	9. by W.	9. by 04.	4-5			30.33	75	75	71			5	
4	0	8	Blord	Linth		4			30.30					-	6	
5	(Uno	Lerway	Standing not of	Forth	3			30.29	72	73	69			6	
6			0	Charleston Harlow		3			30.25	71	71	68			3	
7	4	5	89.5	Charleton Harbor	9.96.	3			30.25						2	
8		2	99.7	6.96.126.	Phy 6.	3	2		30.28	,	,				3	
9	4	2	3.9	6.96.146.	South	3	3	1	30.30		1000		,	cir cum	2/10	2
10	4	1	8.0	6.96/26.	F. ly 04.	3-4	3		30.30						5	
11	4	0	12.0	,		3-4	3		30.29						5	
Mid.	3	9	15.9			3.4	3		30.28						4	-

" Literact U. S. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oridnight to 4 a. M. Blean and pleasant Heavy dew balm to light bruze from F. F. E.

Montgowery H. Leylor Ensign W. J. R.

From 4 to 8 a. Om. Hazy and pleasant. Calm to light breyer from Gentle. B aconster riving

Oum 8 a. M. to Merid.

n. J. Coleman Enign W. J. M. bleav and pleasant. Gentle increasing to stiff breezes from F. by M, breing to f. W. by S. Mustered as 9 30 and found the following absentes: . E. Andrew (Eyp 3.0) of Brown (Eyp 3.0).

6. E. black (Lyp 3.0) b. a. hill (Lyp 3.0). E. J. Tillianu (Eyp 3.0) of Ergun (Eyp 3.0). all absent one law, and F. Cerry and G. O. Rome (Cyper 3.0). very described in a state of the sent down topgallant yards but topgallant sails and expals and flying jet and crosest topgallant and rayel yards. Furled and excel but topgallant and rayel yards. Furled and excel before annually exceed both for sea and made preparation growth, for sea all 11.00 h. M. stated free under botter.

15. E. and D. Flack water at 8.35 and swing to the elf tide at 9.30. Desegration of magazine 71 forward 67 aft. Research in Dept. Expellis and Oceants 9 is the feel before the sugardless and 3 le fresh fresh and

Will aperton. 3 Lieutewant Ch. S. W. From Merid to 4 9.90.

(noderate to stiff breeze blooms in equally from Flb. by I. and Fly & Fair and pleasent I wrong to floor tide at 2.30. Krited stam cutter and continued preparation for era Draught of ship, found 14 feb, alf 16 feb 5/2 wider & how of quarters at 3.55 and tuned in clean bags. Repaired and trivid per life. bury . I new under brilew & E. and D.

E Lieutenant U. F. Ok. From 4 to 6 4.00 Dais and pleasant. Sentle beeze from Forth. At 4 20 called all hands up anchor. At 4 25 eighted anchor baddy falled, got it clear at 5.50. At 6.00 exceed bar with 1914 fet water and stopped engine while pilot J. E. Aldert left the ship and went about pilot book h. B. Comm of Charleston. At clow an conce E. F. E. under steam, with few under bottom B. E and D.

thoughoung a . Lengtur

" to Oneign N. I C. Cloudy Gutte breen from Forth to I by E. ab 6. 15 chip on corner 6. 46 (y. a) W 6 no took departure of Gutte braing of the by 9. 44 % (mag) Charlette Light & I & 9. 34 % (mag) Cattlement Three Lightchip & 34 % (mag) and put on parent bog reading 90. At 6. 45 made all plain soil to toggallant saile everyt manuail and set trysal. At 7.06 stopped region. I weed emoketick and unempyped peopler shaft. Alland five to die art in bolin Carl and banked five in bile B. Started distilling at y. 30. Apprentices at the wheel Roger Welles Jr.

From 8 P. M. to Mid. Dair cool and pleasant. Gentle to moderate breezes from Sinth and Fly & Emise 6.9 6 (pc) Daving felt and by on standard tack ender same said as in preciding watch Sighted two soils devening watch one standing to the and the and as to the and the said as Distilling with fuce backed under brites 13. as go clock last eight of brackets light braining about 12 2. Apprentice at the what. Examined and found to be correct.

J. B. Meillin, Leeitenant Ol. S. N. Changstor

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Charleston, Flo. to Yorktown, Va.

			1	0 0					0								
			Reading		WIND.				BAROMI	TER.	TEMI	PERAT	URE.	State of	Forms of	Hear Hips.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	16	U															
1	5	6	20.5	E. ly 9.	Frith	3-4	3	1/2	30.22	70	70	68	68	b.c.	cum nint	1.	M.
2	5	2.	25.7	6.9.6.3/4 6.		3-4	3	1/2	30.20	70	70	68	68			1	
3	5	3	30.0	6.98:146:	9. by 04.	4	3	1/2	30.20	70	71	68	68	O.c.		0-	
4-	6	1	36.1	6.98	9.894.	5	3	1/2	30.20	70	71	68	68			0	
5	5	8	41.9		.,	4.5	5	1/2	30.19	72	71	68	73	,	-	0	6
6	5	3	47.2		,,	4-5	5		30.22							0	
7	5	6	52.8			4-5	5	./2	30.23	72	72	68	74		,	0	
8	5	1	57.9			4-5	5	1/2	30.24	72	71	68	72			0	
9	4	8	62.7		9. by 94.	4	5-	1/2	30.28	72	71	68	72	l.c.	cum.	4	
10	5	4	68.1	6.96.146.	1	4	5	1/2	30.29	71	71	67	72	O.c.		0	-
11	6	3	74.4		. ,	4	5		30.30					.,		0	
Noon.	6	5	80.9	6.96.		4	5		30.30							0	
			,														

93.4 Dista	we pur by Patent Log. donation	
Course and distance	the made good since proceeding noon by observations, \$79°6.	98 knots. tenths.
	Latitude by D. R.	32 ° 17 ' N. "
	Longitude by D. R.	77 0 58 194. "
Position at Noon:	Latitude by observations of ②	32 020 · N. "
	Longitude by chronometer from Forenoon Observations of ②	77 049 . 01. "
	(Latitude by D. R.	32 026 · N. "
Position at 8 A. M.	(Latitude by D. R. Longitude by Chumater	78 0 11 194. "
	Latitude by observation (Tunner) from 4.20 P. M.	320 11 · N."
Position at 8 P. M.	Longitude by	76042'04."
Current during the	e time, 9 knots tenths per hour, setting to the 1666	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	aring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	450 "
Water remaining o	n hand fit for use at Noon,	2150 "
Coal consumed dur	ing the preceding 24 hours,	2 tons // 20 lbs.
Coal remaining on	hand at Noon,	129 " 7960 "

P. M.																	
1	6	4	87.3	6.96.	9. by 24.	4	5	1/2	30.28	73	72	68	76	b.c.	cum.	1	A
2	6	7	94.0		9.994.	4	5		30.27					O.C.		0	
3		7	1.00.4	6.96.146.	9. by 94.		5		30.27					11		0	
4	6		7.1	.,		4.5	5		30.22					"	eum	0	-
5	6	2	13.3	6.98. /26.		5.6	5		30.20						mil-	1	6
6	6	2	19.5		9.9.01.	5.6	5		30.19							1	
7	5	3	24.8			5.6	5	1	30.17	72	71	67	76	.,		1	1
8	5	4	Fine.	. '	.,	6-7	5		30.16						cum	7	
9	4	5	28.5-			.6	5	3/4	30.19	72	71	64	74		cum mint	3	
10	4	7	33.2	6.96		6	5	3/4	30.19	72	71	67	73			4	
11	4	6	37.8			6	5	3/4	30.19	72	71	67	73	, .		4	1
Mid.	5	0	42.8			6	5	3/4	30.19	72	71	68	73			3	

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mudnight to 4 a.m

Sentle to stiff breeze from South versing to S. I Or Oncoast with more athorning at intervals during early part of watch. Productioner from South blow hauled on starboard tacks under four topmach atamond, main trysail and plain said to topgallant early except mamerial. Distilling with five banked whom bother to appoint in the wheel.

Gen 4 to 8 a. M

Roe Lintewant Oh. S. M.

Ourcast and damp Products to freel breeze from I. P. Inregular cone sea . Plushed light. At class on comes & F. E. mucher plain sail to toppallant early with for topmast stayearly and main typail. Distilling with bruked five under biler B. Appendices at the wheel

Montgomey in Large Tusign U. J. M.

From 8 a. On. to Merid.

Dericast. Moderate been from P. ly V. B. arometer vieing. At 9 to 9 to include a fed mainiail, rogals and flying jet. At end of watch under all sail except main and miggs by meet staypads, on course 5. 46. At 9.30 consided call to General Quarter, discuss reporting cast lover as follows. Demond after Garden discuss, is minutes; varieties; observed in 5th minutes; 3" discuss in 7 minutes; 40 accorde, 2 minutes. in 10 minister and 1th division in 11 minite 10 eccords. The first division gene fried 8 rands in 1 minite; the 5th division gene fried 10 enough in 1 minite and the 3th division genes 11 woulds. At 10.45 animated fire bill, the Decision regerting ready for starting as follows. I'm division, 1 minute 20 seconds. Quodes division 1 minute 20 seconds; bargatore and Engineer division I minute 40 seconds; 1th division 2 minutes 40 seconds; 3th division 2 minutes 50 seconds. Immediately after five quarters got up previous and provided all brate for abundaning ship, led inthrate falls then annular energiney call to get all bands on deed and prepared to low boats in the water Fernical at 11.15. Temperature of magazine 72 found 69° aft. Distilling with banked frew engles forler B. Engineer Dept. engaged in cleaning legge Duning good gow dill a traguin of to 2 flow just in the R.S. time was Frozen Weller Jr. Dunin Orenic to H. 790.

Elmory and damp. Product to etif beeze from I by th. and F. F. B. Benner & F. E. (p.). Pleaning "fell and by on the stanband tack under all plain sail to explicate minimity and except one neef in mainsail. At 3 PM. took in any all and by my fill due sails in eight during watch, etanding to the bet and Ed. At 1,0 blook unlant chance and occured awakow for sa. The appointers were instructed as follows: 3th period from 1.15 to 2.00, 3th watch at broadwords and 1th watch at infantry: with period from 2.15 to 3.00, 3th watch had infantry: and 1th watch had broadcumber the 2th watch was instructed steering chip. Distilling with banked free under hiles to appoint in at the while WB lake there XVX Caperton.

Orum 4 to 60.9%.

Lieutenant M. J. M.

Faif to feed breze from F by & and F D. Elondy. Choppy as a A 4 05 took in topy allow sails. A and of watch on stanboard tack under for topmand stay aid, main trysail, apanker, typearle, foresil and engle regist maneail. Distilling with banked frie under loser 18 Appuntices at the what. Fighted a sailing orent or etachand beam at 5.30.

Trentenant U. J. M.

Country Fresh to freeh breze from I. F. at 60 took two refer in topsails. At 7. 30 took in mainsail and main trywal. At 6 20 worther had sarring of freeh carried anny now at 7.5 at class under jet for topmast staysail forland studie whe topsails and expanses by the waid on starband table. Detailing with banked free under britis 18. apprentices at the while.

Thousand I am a Country to the waid of the whole.

Examined and round to be correct.

Cloudy and damp. Each buy from I IN Ander double reefed togrande foreail jet, for togrande stayunil and spunds, or even & F. Dichling with banked free under bate 18.

Coggo Welles for the first first from the stayunil and spunds.

Roger Welles h

J. B. Milling, Tienteward Ok. L. M. Mangator LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Charleston, \$6 to Yorktown, Va.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERA	TURE.	State of	Forms of	Clear oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			47.4	€.₽€.	S. F. W.	6.7	5-10	,	30.16	71	71	67	74	b.c.g.	cir cum	2	R.16.
2	4	8	48.3		"	6-7	5-10	1	30.17	71	71	67	74	"		2	
3	4	8	Hould in.			6-7	5-10	1	30.18	71	71	67	74	b.c.g.l.	"	1	
4		2							30.10						"	2	-
5	6	0			,				30.07					,		4	"
6	6	6	-						30.04							5	Cont
7	6	6			Fox by F.				30.05					b.c.g.		4	"
8	6	4			,				30.07						cum mint	0	"
9		0			9.99.				30.07						"	0	
10	4	5					1000		30.07				100			0	
11	4						1		30.05	1.	1	1	'	0.0.10.		0	
Noon.		5		96. ly 6.	901. ly 9.				30.05							0	

127. 9 Dista	uel/run hu dra	
	ce made good since preceding noon by observations, \$83.5.	/32 knots. tenths.
	(Latitude by D. R.	31 0 48 · N. "
	Longitude by D. R.	75 009,04."
Position at Noon:	Latitude by observations of O	32 007 . St. "
	Longitude by chronometer from Forenoon Observations of ⊙	75 009 .94. "
	(Latitude by D. R. from Nom) (Longitude by observation O	31 051 1 1 1
Position at 8 A. M.	Longitude by observation O	75 0 25 . 9. "
Position at 8 P. M.	81 . () 1 . () 0	32 0 16 1 N. 11
Position at 8 P. M.	Longitude by	74 057 104. "
Current during th	e time, 19 knots tenths per hour, setting to the North	
Error of the Comp	pass by Azimuth ⊙ observed at 430 Ph., ship's head TG.	3 033 194.
Deviation of the C	Compass by Azimuth @ observed at 430 9%., ship's head 96.	/ 0/3 6 variation used, 3 000 %.
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Water expended d	uring the preceding 24 hours,	450 gallons.
Water distille	during the preceding 24 hours,	1000 "
Water remaining of	on hand fit for use at Noon,	2700 "
Coal consumed du	ring the preceding 24 hours,	/ tons 320 lbs.
Coal remaining on	hand at Noon,	128 " 470 "

Р. М.																	
		5	Houled in.	96. by 6.	904. ly 9.	7-8	15.20	6	30.08	72	71	69	75	00.19.9.	cum mist	0	ball.
2	0	6-		98.		6.7	12-18	6	30.09	72	71	69	7.5	b.c.g.4		2	
3	0	5			f.	4.6	8.15	6	30.11	71	71	69	75	b.c.91.	.,	4	
4	0	5				4-6	5-10	6	30.11	71	71	70	75	".	mint.	7	
5	1	3		96. by 9.		5.6	-	8	30.08	72	72	70	75	,	cum.	5-	
6	0	8		98. by 6.		5-6	-	8	30.06	72	72	70	75		1,	7	-
7	0	8							30.02							7	-
8	0	9		\$6.	,	5.7	-	8	30.04	71	72	70	75			5	2
9	1	0												b.c. p.g.	am. wint	8	-
10	1	0		96. by F.	,									f.c. l.g.			-
1,1	1	0	-	96.		4-5	15.22	8	30.02	72	72	70	73	b.c.l.	eum.	8	
Mid.	1	0				5.6	10-15	8	30.02	72	72	70	73	b.c.l.g.	cum zent	5	
				4										V			

, 1894.

Makerton

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Cloudy, damp and equally wrather, cleaning to Not and Vid last how. Trush to very fresh breeze in equally from F. F. F. Lightung to the Not and Vid and Fd and Vid back two homes. Emes E. F. (sec.) This on her cones huder jet, for topmast etaypail, darle welf to topease, forward and aparker. Singh and confued as from the Fd. Extreme will to good 16° and to starload 10° Distilling with five backed under bales 15. appentices at the wheel.

Oum 4 to 8 a. M.

Freel breeze to morderate gale blowing in equally from F. F. and F. L. F. Parth, clear during frish part vowcast and threatening with rain equally to F. d. and Ed bast hour. Roughland irregular rea. This willing deeply last lime at 5 30 nighted a three marted echonic right ahead, standing to the Nich Dook in the jet and aparter at 740. at end of watch under for topmast stayeail foreail and double reefed topeacle. Distilling with fire banked under biler 15. appartice at the wheel.

Lieutenant (W. J. W. Jum 8 a. M. to Merid Overcack and equally. Freek brey to moderate gale from I. I. and I. B. S. Heavy cross sea. This colling deeply; extreme with 27° . W 10.10 ctopped distilling and allowed free to die ont in while B. A 11:00 fulled for topmack stormail, forward and four topsail, close weefelt main topsail and art for storm etaspail, atomis muzzin and food of main trypail and all food of main trypail and all food of main trypail and food of main trypail. to on starband tack under class response so the while the while Abordaymenty W. Lengter Energic Ch. J. M. to in starband tack under close selfed main topsail, for storm staysail, storm miggin and fort of main typiail.

Own Merid. to 4 J.M.

Overcast agually and raving to clearing. Fresh breen to moderate gale in legically from FN by F., moderating to moderate to feel breen from FN. last two hours. Baronete neing. Cough sed dying to under for stown stayard, close neefed main topsail, atom migrou and fort of main tripial. It soo having no head of main tripial. It stown pour atom standing to the Northward. Apprehense if the while.

Roger Welles fr. Ensign M. & M. Oum 4 to 8 F.m. bloody and egaelly. Orderate to feel breeze from II. Baronter falling. At end of watch lying to bending IE., under for strom staypail, main topsail claimerfed, main trysail and storm migzen. Fighted a schoole heading to Enchuand on pool bram at borlook and look eight of bee at 7.00. Appuntices at the wheel.

n. J. Coleman Ensign Qu. 4.94. Gum 8 P.m. to Orust Elean frish part, cloudy last know of watch . Caseing shown frish how. Fif to fresh breeze in aqualle from F. V. Enus & F. E. G. (g. v.). This lying to under same soil as in speceding watch on starboard tack. Knoch and chopye son from File. and Old. This rolling frequently and deeply to sen; extreme coll to port 26" and to starboard 25". From raced 8.10. Appendicio at the wheel. Eightning to Ald and Old.

NB Caperton . S. W.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Charleston, Fl. to Yorktown, Va.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	9/	80	Hauled in	4 6.	f%.	4-6	_	8	30.03	71	70	69	73	в.о.д. ш.l.	cir. cum.	5	Bra
2	1	0	,			5.6	-	8	30.03	71	70	69	73	0.0.9.4.6.	cum minel	0	
3	1	0		Inith	Qt. N. QL.	5.7	-							0.c.g.t.l.			-
4	0	5			Of est.	3-4	-									0	
5	0	6		96.	994.	3.4	_	8	30.01	69	68	66	71	0.0.9.1.0.		0	
6	1	0			,,	4-5	_		30.00						cir. cum.	4	
7	1	5	-		.,,	4-5	-	6	30.01	69	68	67	70	b.c.		6	
8	1	6	_			4	7	6	30.04	70	69	68	70			7	C. %
9	0	8			-	4	-							"	"	7	
10	0	4 2		6.96.		4	-	6	30.03	72	71	69	71	"	-11	4	
11	3	5		,	99. by 8.	3-4	4		30.08						cir.cum	5	
Noon.		0			1	3.4	4		30.09							7	

30.8 Distan	ice run by Fog	
Course and distance	made good since preceding noon by observations, \$\mathcal{G}^3\cdot \mathcal{E}\$	42 knots. tenths.
-	Latitude by D. R.	32 020 M. "
Position at Noon:	Longitude by D. R.	74 032, 24. "
Position at Noon:	Latitude by observations of O	3104718. "
	Longitude by chronometer from Forenoon Observations of ⊙	74 0 27 , 94. "
D. W	Latitude by D. R. fum) Noon/ Longitude by Observation O	31 0 50 1 N. 11
Position at 8 A. M.	Longitude by Observation O	74 0 43 , 9/. "
Position at 8 P. M.	Latitude by observation (Junuar) from H 30 G.M. observatu Longitude by "	in 31 041, W. 11
Position at 8 F. M.	Longitude by	73 029 M. "
Current during the	time, 32 knots tenths per hour, setting to the 98.6.	
Error of the Compa	ss by Azimuth o observed at 4.50 PM, ship's head 6. by 9.	3 . 38 . 04.
Deviation of the Co	mpass by Azimuth o observed at 4.300%, ship's head 6. by 9.	3 0 / 3 / 6. variation used, 3 0 /0 %.
	ss by Azimuth O observed at , ship's head	0 " "
Deviation of the Co	mpass by Azimuth @ observed at , ship's head	o / variation used, o
Water expended dur	ring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	"
Water remaining on	hand fit for use at Noon,	2300 "
Coal consumed duri	ng the preceding 24 hours,	tons 400 lbs.
Coal remaining on h	and at Noon,	128 " 70 "

P. M.	3	0 0	Hauled in	6.96. 6.by 9.	9.04. by 9.	4	5	0	30.09	72	72	69	71	b.c.	cir cum.	8	M.
2	5	0			0	8	5-	0	30.09	72	72	69	71			8	
3	6	0				4	5		30.08							5	
4	7	0				4-5	4		30.08		,				7	5	
5	7	8				4-5	4	0	30.06	73	72	69	73	"		7	
	7					4.5	4	0	30.06	72	72	69	73			7	
7	1	3				5	5	0	30.07	72	72	69	73		cuse.	2	
8	6	3				5	5		30.07		,			b.c. w.p.	cum unt.	5	
9	5	2			994.	4	4-5-		30.09		100			b.c.	,	5	
10	4	8				4	4-5-	0	30.10	72	72	69	73	"		7	
11	4	8				4	4-5-		30. /2							4	
Mid.	4	. 0			ભ. કેળ	4	4-5		30.14							4	

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Stiff to freely breeze blowing in equally from I a until 1, 20 when it auddenly receed to 04 is M. wiresawing to a bear about accompanied by an unusually heavy fall of rain wind lightning and beary and about continuous thunder. This beld with about 3.10 when the wind fall light and balled again to IN. Treatles first how fair with bright morningly afterwards reveals and rainy. Rough and inequal area. This how to we stailoud tacks under for atom staypail close refets many topsail, many topsail, when the wheel.

Oum + to 8 a. m. Gentleway Of & W.

Ouveal and equally first how, with lightning to I'd and E'd. and light thunder. bleaving last three hours. Few morderating. At close of water lying to on starboard tack under for atom stayout, main trysail, storm migger and close reefed main topsail. Apputing at the wheel.

From 8 a. M. to Merico.

Sign & and & Merico.

Senter of the phasant. Sently to moderate breze from 90. and 90 by 8. Barometer resing. Lying to with go so when at jet and for togenest stayard and brought align to the case 6.26(pc). At 9.30 mustered at quarter after which the summanding Office suspected the ship and crew at quarter. At 10.25 called all lands make sail, the Eurosian Office taking the deck and making all rail everyt a single nef in mainsail. Hauled down and stand blow for stown stayard, storm migzen, and previous main and main togenal braces. Semperative of magazine 72° formed and 71° aft. appendixes at the wheel.

Own Merid to 4 99.

Cartielly cloudy and pleasant. Product berry from FU by F. At 2. to took in main trysials. At 1.30 changed course to be by F. At 36 block and their and election and televism was righted and their allip made colors and following eightle: chips munder, and if I D. International body. The steamer broated English colors and answered our eightle been the passed under the steam of their order made her man and to be jacon. It sud of watch under all plain said to regale and topmark staysails on course E. by F. Appenticio at the what.

Down 4 to 8 P.M.

Garthy closely with light passing chose back how. Products to stiff brezze from IN. Ly I. Conserve E. by I. Go. At 60 o Chris took in topfallows early regale, flying jet main and major trimush stayonals, and took double seef in topsails and one set in foresals. Producete see from Id. and W. appendices at the wheel. At end of world, aship on course under double suffer topsails, aship on course under double suffer topsails, enight region seefed coveres jet for topsails and appendix.

From & P. M. to Onids.

Shortwarts breey from IN vering to ON IN lack home. Fair, cook and pleasant. Moderate
eas from In and Ohn. Morrow now at 9. ho. Ouder came sail as we preceding watch. Agreements is the wheel.

Examined and found to be correct.

Jewitenant & J. R.

J. B. Mo illon Navigator. Lieutenant V. J. N.

WM2 Capirlow.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Charleston, F.E. to Yorktown, Va.

					WIND.				BAROME	ETER.	TEM	PERAT	TURE.			ear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		0 0	Houldin	E. by 9.	West.	3	10-15	0	30./3	71	71	67	71	b.e.	cum aint	3	M.
2	2	0				3	10-15	0	30.13	70	70	66	71	,	,,,	3	1.
	2		"						30.12						etral.	6	
	2								30.12						-	8	
		3	-			3			30.12	1	1				cir.cum.	5	
	2	5	-			3	5		30.13							4	
	4				9. ly 9.	3	5-10		30.13						civ.otras	9	
	100	8	-		, and	3			30.14							8	
	4				Object	3			30.15	10				b.	none.		
					CVI ZZZV	3	2		30.15	,			1		cir.cum		1
	3				£04.								1		ur ann	5	1
11	3	2	-	*	J W.				30.17							,	1
Noon.	2	7	- "			4	2	0	30.17	13	12	67	12			6	

106.9 Dietana	pun ly fra.	
Course and distance	e made good since preceding noon by observations, 9.83 6.	97 knots. tenths.
	(Latitude by D. R.	31 0 28 1 1. "
	Longitude by D. R.	72 0 26 , 04. "
Position at Noon:	Latitude by observations of Θ	31 0 34 1 1. "
	Longitude by chronometer from Forenoon Observations of ©	72 0 32 , 94. "
	(Latitude by D. R. from Norw	31037. 1. "
POSITION at o A. M.	Longitude by Observation O	72048.04. "
	(I stitude in D. R. han) Som	31 0 34, N. 11
Position at 8 P. M.	Longine by Chrosometer from afternoon observation of o	72019.04. "
Current during the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /
	ompass by Azimuth © observed at , ship's head	o ' variation used, o '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth O observed at , ship's head	o variation used, o
Water expended dr	ring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	
Water remaining o	n hand fit for use at Noon,	1900 "
Coal consumed dur	ing the preceding 24 hours,	tons 400 lbs.
Coal remaining on	hand at Noon,	127 - 1910 -

P. M.															cir		
1	2	8	Howard in	East.	904.	2	0	0	30.15	74	74	67	72	b.c.	cir cum	6	9.
2	2	6				2	0	0	30.15	74	74	67	72			5	
3	2	3	-		-	2	0	0	30.16	74	74	64	72		-	2	
4	2	2	1.			2	0	0	30.16	72	73	66	72	0.0.	-	0	-
5	1	2				1	0	0	30.16	70	69	64	71	0.c.p.	amil: atrak	0	
6	1	3	-			1	0	0	30.12	70	68	64	71	b.c.		2	~
7	1	2												0.0.			
8	4	2			J. O.L.	3	0	0	30.12	67	68	64	71	b.c.p.l.	oum mist	2	
9	1	3					0							b.e. w.l.		4	
10	1	3		-		2	0									3	
11	1	3				1-2	0							b.c.w.		4	
Mid.	1	3				1-2										7	4

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Clear and pleasant. Gentle to moderate breen from Obset. Bright moorlight. At 12.30 fulls spanker. At close under jit, for topmast staypail, double reefed topsails and dugle reefed consess, on conse & by I. appendices at the whel.

Moulepney M. Lengton

From 4 to 8 a. M. .

Clear and pleasant. Gently breen from Gert to 9 by 9. at 6.15 made all aguan sail except except and in manual and hanted down for topman etaysail On course 6 by 9. (pc) under equal sail and jil . apprentices at the wheel .

Roger Weller Jr. Ensign W. S. M. Firm 8 a. On to Merid

Partially cloudy and pleasant Fight to gently breeze from Oh est to 90 alg 30

mustered cure at quarters and stationed appendices in new stations. From 9 45 to 10 25 had general metricism in loving and furling each after stationing apprenties on yards. From 10.45 to 11.45 had instruction is the watch sails and apprent of unterly and eigenst and apprent of watch under jet, foresit topically topically hails and royals on concer East by Frith. At 120 clock changed concer to Earl by order of the Commanding Office. By order of the Commanding Office & East of East & East

N. J. Gol Eman Ensign U. J. W. Gum Merid to 4 G.M. East to cloudy and pleasant. Eight burys from Feb. This on her concer Each (pc) under same sail as at end of preceding watch. For amount, the appendicts were instructed as follows: 3rd period from 1.15 to 2.15 the 1st watch had see estation at great your; boats, fix and general quarters and 3rd watch had saile and egree; 4 period from 2.30 to 3.15 the 1st watch and 3rd watch had generally 5 period, from 3.30 to 3.15 the 1st watch and 3rd watch had generally 5 period, from 3.30 to 40 clock. the 1st watch had generally of watch on deek, at wheel.

Wh Caperton Jum 4 to 8 9.90

Light air from FM. until 7.00 when it auddenly vered to NN. and wireased to a gentle breze. Cloudy with presence chance of rain first and last lower Lighting all around horizon after 7.00. But and cloud up the manual at 4.45. At 5.00 took in topgallant sails and engle clove refed the topsails and took a single ref in the course At end of water under jet, clove refed topsails, and engle refed foreait. Apprentices at the wheel.

Que Se Suitenant W. J. W. Jum 8 P. M. to Mid. Cloudy and pleasant; cleaning last part. Fight breeze from NOV. At 9.00 eighted steamer's lights to FDL, she stook to NOV. across on stew. Apparation at the wheel.

Wentgoway W. Lengton Energia Ch. F. N.

Examined and found to be correct.

J. B. Me illon , Navigator , Lieuten and Pr. A. Ch.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Charleston, F.C. to Yorktown, Va.

_	_				0 0						U							
Hour.		Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	-		Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. 1	м. :	23	0 4	Hauled in	East.	S 9i.	1-2	0	0	30.11	69	67	64	71	b.c.	cir cum.	5	8.
9	2	3	0			Sorth	2-4	5	1/2	30.09	69	67	64	71		-	4	
1		3	2				4	5	1/2	30.06	68	67	64	71	"		4	
4		3	2				4	5-	1/2	30.06	68	67	64	71			7	
1		3	3				4-5	5	1/2	30.08	67	66	63	70	,		5	
6		2	8	-			4	5	1/2	30.08	66	66	63	69			2	"
			5				4-5	5	1/2	30.09	65	66	63	69		cum etras	2	-
		5					4-5	5	1	30.10							1	
			0				4	5	1/2	30.11	66	66	63	69		-	2	
10			8			A. by 04.	4	5	1/2	30.11	67	67	63	69		cir. cum	2	-
11		4				7	3.4	5		30.12				1		strak	7	-
Noo						,	3-4		1	30.12							9	
																	-	

68. 4 Distance was by Log.	
Course and distance made good since preceding noon by observations,	5° & \$2 knots. tenths.
Latitude by D. R.	31 0 31 1 N. "
Longitude by D. R.	71 020 194. "
Position at Noon: Latitude by observations of O	31 0 30 1 1. 11.
Longitude by chronometer from Forenoon Observation	
(Latitude by D. R. from) None	31 0 32, N. "
Position at 8 A. M. Longitude by Observations O	71 0 51 , 04. "
(Latitude by Observation (Summer) at 4.30 P.M.	3/ 0 30 , N. "
Position at 8 P. M. Longitude by " "	71 009 . 94. 11
Current during the time, & knots tenths per hour, setting to the	e 985°94.
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1500 "
Coal consumed during the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand at Noon,	127 " 1510 "

P. M.		4	Cauled in.	Éast	1. by 04.	3	4	14	30.14	68	70	64	72	b.c.	cir.cum.	8	g.
2	3	4				3	4		30.15							9	
3	3	8	-		N. N. 04.	4	4	0	30.14	69	70	65	72	. ,		9	
4	3	7	48.3		"	4	4	0	30.14	69	70	65	72	4		9	"
	3					3	4	0	30.12	67	69	64	72		cir.cum.	7	
6	2	7	52.5			3	4	0	30.10	67	69	64	72			8	
7	2	2	54.7			2-3	4	0	30.10	67	69	64	72			9	
8	2	6	57.3			2.3	4	0	30.10	64	69	64	72			9	
9	1	7	59.0			2-3	5		30.10						-	9	
10	2	9	61.9			3	5		30.11						cum.	8	
11	2	0	63.9			3	5	0	30.12	67	66	62	71			7	-
Mid.	1	7	65.6		Jr. by 04.	3	5	0	30. /3	67	66	62	71		am steak	9	

n. J. God man

W. Ofaperton,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a. m. County Sight breeze from NOV to moderate breeze from North last three hours. Under jet close refet topparts and engle reifed foreail on conce East apparaties at which at 12.25 a stranger standing to the Northward passed under our stern.

Roger Weller Jr. Ensign W. J. W. From 4 to 8 a. On. court wife to lindy and pleasant. Products to stiff been from both. At 6 25 made all plans call to toppallant sails it to clock at for topmach staysall. At end of watch under all plane sail to toppallant sails and for topmach staysall on conver Each apparent at the wheel.

Our 8 a. On. to Merid her course East (p.o.) under for topmast stayant and all plains and to topgallant sails exapt one ref in mainsail.

Positive at quarter at 9.30 a. Mr. The Experiation were instructed as follows during watch: 12 period from 9.45 until
10.30 all watcher had divisional dult as battery and producted as follows during watch: 14 ps. 14 watch had
mailinepole samassay calmaking and compate; 3.4 watch had earle and space Experiation of 2.4 watch at the
watch Destroit magazine flows cooks and found them in good working water Dur sails in eight during watch
also watch a samassay to be a sold and the sails and space to produce a sails and eight during watch Desuperature of magazine forward 73: aft712.

From Merid to 4 49m Sentle to moderate breeze from h by the and N. No W. Fair and pleasant Insorth sea.

During 3th period 1.15 to 2.15, instructed 1th ratch in vails and spars and 2th install in marling in marling, and compare: 12th period 2.30 to 3.15, 1th and 2th installer in grunney: 5th period 3.30 to 4.00, 1th install helm leads and log: 2th watch gymnastics. At 12.35 chand colors to a two-masted echorar, change Eighed colors and standing to 3th and the little of watch as eguen regals wreter was eight on the startant quarter, standing to Nil and 6d in part tack. At end of watch indeed in under same soil as in peresting watch appendices sat the wheel.

Lieutenant U. J. W. From 4 to 8 9.90 Clear and pleasant. Fight to gentle breef from A. A. A. 4 30 feet our parent leg, reading 48.3. At 6.00 fulled topgallant early, clar negled topicals suight reflet forecast and sent down west yards. Two earls in eight till sundam, standing at the A. Clar under jet, for topment stayout, clar refer topicals, single refer connect and aparteer. apprentices at the wheel.

Montgomery V. Lengton-Ensign Qu. g. M. Energy 96. I Vr. Chem and pleasant bentle breeze from N. A. V. by Vr. Baronete reining Tholes jet, for toyonal stayonil , class region toyonals, class region toyonals, and conserve and equation, or conce Each. Grown rate at 11-16. Appendicion at the what. Geone 8 P. M. to Mid Roger Welle Ja Enugir Q & M.

Examined and found to be correct.

gen Rounk,

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Charleston, & 6. to Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	33	1		٤ ,	10.01		-	./	, ,	,	11	1.		0			d
1	1	4	66.4	Grast.	St. by Ot.	3	5	1	30.14				100	b.e.w.	cir cum	8	€.
2	1	4	66.6	0 / 1	North	2	4	1	30.13					"	"	5-	1.
3	1	2	Hauled in	6.149.		2	4	1/2	30.13	64	65	61	71		cum.	6	
4	1	0		6:/2 8.	N. ly 6.	2.3	4	1/2	30.13	64	65	61	71	,	.,	5	
5	1	4	-	"	1	2	4	3/4	30.14	64	65	62	70	b.c.	cir cum	6	
6	1	4	"	East.		2	4	3/4	30.14	64	65	61	70			4.	
7	1	0		,,	North	1-2	4		30.15						,	4	
8	0	7				1	4		30.15							4	
9	0	7				1	0		30.19							5	1
10	0	5				0-1	0		30.19							4	
11	1	2				1-2			30.19							4	
Noon.	0 3	5		E & \$ 6. % 4 6.	NE. by N.	2-3			30.19					-		2	

48.6 Dietane	e run by Log			
Course and distance	e made good since preceding noon by	observations, \$76.6.	56 knots.	tenths.
	Latitude by D. R.		310 28 · A.	
	Longitude by D. R.		70 0 33 194.	
Position at Noon:	Latitude by observations of O		31 0 16 1 1.	
	Longitude by chronometer from For	renoon Observations of ②	70 0 25, 04.	
	Latitude by D.R. from Nom (Longitude by Observation)		31017.1.	"
Position at 8 A. M.	Longitude by Observation		70032,94	
Desiries at 0 D W	Latitude by Observation (Summe Longitude by	r) 4.30 P.M.	31011.1.	
Position at 8 P. M.	Longitude by		69 0 58,04.	"
Current during the	time, / 2 knots tenths per	hour, setting to the 9322	6.	
Error of the Compa	ass by Azimuth @ observed at	, ship's head	0 '	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 1	variation used, o
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /	"
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used, o
Water expended du	ring the preceding 24 hours,		300 g	allons.
Water	during the preceding	24 hours,		"
Water remaining or	hand fit for use at Noon,		1200	"
Coal consumed duri	ing the preceding 24 hours,		tons /8 40	lbs.
Coal remaining on 1	hand at Noon,		126 " 1910	"

-																	
P. M.	4	2	Houled in .	East	N. by E.	3.4	4	1/2	30.19	66	67	64	71	b.c.	cir.cum.	2	9.
2	2	4		6. by 9.	1. 16.	3	5		,				,			2	
3	2	4	-	€. 4€.		3	5		30.20							2	
4	1	8		6.96.146.		2.3	5	1/2	30.20	66	68	64	71			3	
5	3	0	-	6/29.	North	3	4	1/2	30.20	68	67	63	71	.o.c.	cum aunt	0	
6	3	0		"		3	4	1/2	30.20	67	66	62	71			0	
7	1	2		E:14 9.		2	3	1/2	30.21	67	66	62	71			0	
8	1	2		,,		3	3	1/2	30.22	66	66	61	71	b.c.m.	cum.	7	
9	1	2		East		2	3	0	30.22	66	66	61	71	b.c.		7	
10	1	2				2	3	0	30.22	66	66	61	71			Y	
11	1	2			.,	2	3	0	30.22	66	66	61	71			7	
Mid.	1	0				2	3	0	30.22	65	65	60	71			7	,
1																	

, 1894.

n. J. Col man

Mystaperton.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Medwight to 4 a. m.

blowdy and pleasant. Bright moonlight. Light to gentle breeze from it by to by E. appendice at the while at each of watch under jet fore topmast stayout single neefed consecut close respect topsails and sparker, heading 6.12 G. Bonner Each.

Ensign U. S. M. Oum 4 to 8 a. m. Dair and pleasant. Sight air and breeze from I with and I by E. I morth era Course East (p. s.) This we get tack under doubt veful toquails, engle course, jet, for toquail stayent and epaulie. appuntices of watch at the wheel.

From 8 a. On. to Merid.

Calm to light and from both until last how light to gentle brey from N. 6. by V. Saw first part cloudy last how. Tworth sea. Thurtered crew at quarters at 9.30. Tim 9.45 to 10.30 exercised all hands at making and fulling sail. From refer and of topicals and course, crossed egad yarde and made all places sail to replay. It period 10.45 to 11.45 instructed and again made all places sail to replay. It period 10.45 to 11.45 instructed 12 watch in sail of and again made all places and compare At 10.50 to 11.45 in except. It was not to so the sail of the sai reef in the maintail and fuled the royale. O impustive of magazine, forward 72°, aft, 70° bleamed met port food water tank appentices at the wheel.

From Merid to 4 P.M.

General Qu. F. W. bludy, raw equally passing along horizon to \$6. Light to moderate breey from it by & and it is \$6. Dilled as follows: 2nd motels 1.15 to 2.15 caule gad space, 230 to 3.15, gaining, 3.30 to 4.00, gymnastice and log: 3nd motels 1.15 to 2.15, machinegists, earlinaking and compass, 2.30 to 3.15, gaining, 3.30 to 4.00, gymnastice at the winds to good tack indeed for topmach staying and all plain sail to toppallant each indeed into sugar ref in the manufail. apprentices at wheel.

Our cash and cloudy Gentle berry from Gorth Baroneter steady. At 6.00 called all hands cash down royal yards firled toggallant sails, took three neefs in togerale and one in foresail and completed by 6.10 a steamer stranding to the I orthward presed will ahead. Appendicion at the while.

Mouldonery Mr. Lengton

Roger Welles Jr. Ensign W. S. M. Cloudy and pleasant. Eight breeze from North. Bacometer steady. Appendices at the wheel. We send of watch number jit, for topment stayent, single negled consess, close negled topsends and epanker, or consest Each.

M. J. Coleman Energy Ch. J. Ok.

Examined and found to be correct.

J. B. M. illen. Leitenaut D. J. M.

LOG of the UNITED STATES Thip Esux Third Rate, Making passage from Charleston, F.C. to Yorktown Va.

			Reading		WIND.				BAROMI				URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S.
A. M. 1	23.	8 4	Healed in	East	Sorth	1-2	5	1/2	30.22	65	65	62	71	b.c.	cum mint	2	9
2	1	6				3	5	1/2	30.22	65	65	62	71	b.c.p.		2	
3	1	5	,			3	5	1/2	30.21	65	65	61	69	t.c.	1.	,	
4	1	5	-			3	5	1/2	30.21	65	65	61	69	,	ii.	2	
5	1	5		E. by 9.	N. N. E.	3	3	1/2	30.21	65	65	61	67		cum mil	. 3	
6	1	2		6.96.	16. by N.	2	3	1/2	30.22	65	65	61	67		cir um.	3	
7	1	2	-	98. ly E.	N6.	2-3	3	1/2	30.23	65	65	61	67	-	.,	6	1.
8	2	5		96.46.	NE. by E.	2-3	4	1/2	30.26	67	66	62	67		-	8	
9		7		96.3/49.	6.16.	3	3	1/2	30.29	68	67	63	69			9	1
10	2	0		9.98.126		3	3	1/2	30.29	68	68	64	69			9	
11	2	3	-	9.96.0/46		3	3	1/2	30.32	68	68	64	69			9	
Noon.	3	3				3	3	1/2	30.33	68	68	65	70			9	

47. 5 Distance now by frg. Course and distance made good since preceding noon by observations, 953 6 47 knots. tenths. 30 057 ' N. " Latitude by D. R. 69 0 39 194. " Longitude by D. R. Position at Noon: 30 ° 47 ' N. " Latitude by observations of ① 69042 ' %." Longitude by chronometer from Forenoon Observations of O Latitude by D. C. from Now 30057 ' N." Longitude by observation O 69048194." Position at 8 P. M. Latitude by D. R. from Norw Longitude by Chromouter from afternown observation of 3100911." 69058 2. " tenths per hour, setting to the \$. 14 9 %. Current during the time, /O knots Nav. Report of the Compass by Azimuth O observed at 730 a.m., ship's head \$6. by 6. 50 19 94. Deviation of the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © observed at 30 0, ship's head with the Compass by Azimuth © 20166. variation used, 5000 9 5°56'04." variation used, 5 000 %. Deviation of the Compass by Azimuth ⊙ observed at #.30 (%), , ship's head ... 0 03 %. 350 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 850 tons 560 Coal consumed during the preceding 24 hours, 126 " 1450 " Coal remaining on hand at Noon,

P. M.																
	2	6	Housed in	A la 91.12 94.	16. by 6.	3	3	1/2 30.31	68	68	65	70	b.c.	Cir.cum.	9	9
2	2	7		Jo (3/4 W.	8.88.	3	3	1/2 30.31	69	68	65	70				
						3	3	1/2 30.31	69	68	65	70			7	
						3	0	1/2 30.31	69	68	65	70			7	
5	3	0	64.5	No 14 94.	E. by N.	3	0	1/230.31	67	66	63	69		stist.	7	4
			70.5	1 by 8.	E. 2, 9.	3	0	1/230.31	67	66	63	69			7	-
7	2	7	73.2	N by 24.	E. ly N.	3	0	1/230.31	67	66	63	70			5	-
			76.6	North	!	3-4	0	1/2 30.31							9	,
			80.7			4		1/2 30.32							9	-
			83.9	N.14 (W.		4	4	1/430.32								
			Harledia	,		4	4	1230.32							8	
						4	4	1230.31						cum.	6	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. ... Sindy and cool . Dight airs inversaring to gentle breyer from North . Light possing chann about 120 . This on her course East (pc) under close refer toqually enight course, jet, for topmast stayail and epaules. For amorth appunties at the while.

From 4 to 8 a. M

W/2 Capiton use Lieutenant Ou. J. M.

Light to gentle beeze vering from N. N. E. to N. E. by E. Cloudy first part fair and pleasant last two home. Imouth ear. Between 700 and 720 revered by at years, whosh not the wefe and made all plain sail to anysle, except a reef in the mainsail. appentice at the wheel

Oum 8 a. M. to Merid

Que Rocard Qu. S. M.

Clear and pleasant. Gentle breye from 6.16. At 9.30 mustered at quarter and dilled as followerfull 9.41: 2nd watch, stations, 3nd wroter infantry. At 9.41 called "Chaw overland" lowered boat in 1 minutes and picked up brey in 5 minutes, filed and, on course in 13 minutes. From 10.45 to 11.30 dulled 2nd watch at vails and expair and 3nd watch at pictols At 9.15 eighted chip to Fit standing to bid. At class under plans and for tommest stayout by the winds on statored tack. Appendices at the wheel Temperature of magazine 73 forward, 75 eff. At 12.00 changed course to I by 6.

Dum Merid to 4 P.M

Mondaymeny W. Leugler

bleav and pleasant. Gentle breeze from N. 6. by E. to E. N. 6. Baconter steady. Andwall plain said to regele, by the wind in the starband tack, having wore they at 12.00. The first watch had Infantry from 1.15 to 2.00 and printed from 2.15 to 3.00, the second watch broadwords from 1.15 to 2.00 and Infantry from 2.15 to 3.00. At 3.15 called all boats around and away, and statumed apprentices under the own organization, for the three services and for abandoning ahip apprehiticis at the while.

Cloudy and pleasant Gentle to moderate been from 6 by it to 6. by 8 December steady.

At 6 o'clock called all hands neef topeals and took in wyals and topgallant early, fund evolve and let topgallant early overful topgallant early overful topgallant early overful regard who muniter and 48 seconds. At end of watch under engle neefed topically engly weefful manual, forvoir, for topmark stay aid, jet and epauler, heading North. Conserved by G. apprinticion at the wheel.

From 8 P.M. to Mid.

Ensign U. F. W.

Clear, cool, and pleasant Moderate breyer from E. by N. Conrew N. by E. year, This by the wind on starband tack under same sail as at end of principle watch appendices at the wheel Lear emorth. Hauled in patent log at 11.00, as it was failed with sea word.

W. Blaperton, Lieutewant Ql. F. M.

Examined and found to be correct.

J. B. Me illow, Navigator. Secretary Qu. J. M.

LOG of the UNITED STATES Phip Essex. Phird Rate, Making passage from Charleston \$6. to Yorktown Na

		1	1	0 0												4.	4
			Reading	COURSES STEERED	WIND.				BAROME			PERAT		State of	Forms of	Clea	of the Se
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of ti
A. M.		6		1./ 5	200	.,	,	./		,,	.,	(7.1		0			a
1	3	7	Hauledin	N.1/2 6.	6. by N.	4	3		30.29				,	b.c.	cum.	8	9.
2	3	7			0	4	3	1/2	30.25	66	66	54	71			7	",
3	4	2	-	1.146.		4	3	1/2	30.26	66	66	54	71			7	
4	3	8				4	3		30.28							7	
5	4	0		N 3/4 6.	*	3	2	1/2	30.28	66	66	64	70	-	cir. cum	5	
6	4	3		N by E.		3	2	1/2	30.29	65	66	64	70	,		3	-
7	4	5	-	13/46.		3.4	2	1/2	30.30	65	66	64	70			2	
8	4	5		North.		3.4	2	1/2	30.31	66	66	64	70			4	-
9	4	4	-			3	3	1/2	30.3/	67	67	64	68		-	6	
10	4	4				3	3	1/2	30.32	67	67	65	68			5	
11	3	0				3	3	1/2	30.33	67	67	64	68			7	-
Noon.	3	0	1		East.	3	3	1/2	30.30	68	67	64	68			8	
		100															-

7	89. 1 94	tame new by Log	
		ce made good since preceding noon by observations, J. 14 4.	93 knots. tenths.
		Latitude by D. R.	32 ° 15 'N "
	Desiries of Mana	Longitude by D. R.	70.001.94."
	Position at Noon:	Latitude by observations of ②	32 017 'N. "
		Longitude by chronometer from Forenoon Observations of ⊙	70 0 10 194. "
		(Latitude by D.R. from Norw. Longitude by observation O	32 002 N. "
	Position at 8 A. M.	(Longitude by observation Q	70 007 192. "
		Latitude by Observation (Tunner) from 4.30 P.M.	32 0 47 1. "
	Position at 8 P. M.	Longitude by	70 039 194. "
	Current during th	e time, g knots tenths per hour, setting to the J 47º W.	
	Bror of the Comp	pass by Azimuth ⊙ observed at 730 Q.M., ship's head \(\sqrt{3/4 Q4}.	3 ° 58 ' %.
	Deviation of the C	Compass by Azimuth O observed at 7.30 Q & , ship's head	0 ° 42' & variation used, 5 ° /0 '94.
	Maw. Error of the Comp	pass by Azimuth ⊙ observed at #300 %, ship's head A. M %.	5 ° 01 '04. "
		Compass by Azimuth ⊙ observed at #.36 € 90, ship's head	0 ° 53 'W. variation used, 5 ° 30 ° W.
	Water expended d	uring the preceding 24 hours,	300 gallons.
	Water	during the preceding 24 hours,	
	Water remaining of	on hand fit for use at Noon,	550 "
	Coal consumed du	ring the preceding 24 hours,	tons 400 lbs.
	Coal remaining on	hand at Noon,	126 " 950 "

P. M.																	
1	3	6	83.9	S. S. S.	East	3	3	0	30.33	69	69	66	69	b.c.	cir. cum	9	9.
2	4	5	87.5			3	3		30.35								
3	6	9	Harled is		6. by 9.	3-4	3		30.34							6	-
4	6	6-				3-4	3						1			6	"
5	4	8				3-4	3	0	30.32	68	67	66	69			5	
6	4	.8				3-4	3	0	30.32	68	67	66	69	"		5	
7	3	6	-			3-4	3	0	30.32	67	66	65	69			5	1.
8	3	5-				3.4	3	0	30.32	67	66	65	69		cum	7	
9	3	2			East.	3	3		30.32				1			9	1.
10	2	8			6. by 9.	3	3		30.32							9	-
11	2	2			6.9.6	2	3		30.32						none	10	
Mid.	1	8			96. by 6.	2	3		30.32				1	-		10	1

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Mudnight to 4 a. On Moderate breeze from E. by S. Frair and pleasant . Smooth een . Moon row at 105. Claw hauled on studented tack under jit, for topmast staysail, epanker topgallant earle were enigle rested topwale, foreail and single rested mausail. Apprehiese at the whiel.

Geo. R. Co.

From 8 a. m. to Merid. Clear and pleasant. Gentle busy from E by S. to East. At 9.30 called all hands clear ship for action, after which, at 9.48, evended the call to general quarters, the divisions reporting cash love and perorded as follows: Forward Sander direin in 2 minutes, 30 exemple, after Sander direin in 3 minutes, 20 vende Nangator dinerou in 4 minutes 30 vende, First dinein in 4 minutes, 40 vende Phid direin in 4 minute, 44 exemple and Great division in 5 minutes, 20 exemple During this drill called away freenew and spungeum with five in Paul Come and their aloft with sails in five al 10.28 went to Fine Minutes the division reporting ready as fellow: Variative in minute, 50 exemple. Think in 3 minutes, Think in 3 minutes 40 reemde Engineer in 3 minuter, 50 seemde Brick in 4 minutes and the second in 4 minutes, 30 reemds at 10.34 accurate Under all plane sail to expale with single ref in manisal, by the wind in the starbard tack. Concer Aly & also appreted from about both and restly from deck. appendicus of the whal I supporting of magazine 72° forward 70° aft. Express and an under all and and also come, then I should be a supporting to the sail and also come, then shipped tiller and an off always tackler, a har which all the appearance inequated and exceinitional Roger Weller J. Gran Merid. to 4 9 M.

Chicky and phasant Gentle to moderate busy from East to 6. by F. B. almeter stady.

Ot 10 clock ast main and mayou topmant staypails From 1.15 to 20 clock had instruction 1.25 watch boadwords.

2nd watch infecting; from 2.15 to 30 clock, 12 bratch infantry 2nd watch broadwords. From 3.15 to 4.00 executed all the appendiction we chifting the for topsails. At such of watch under all plane sail to explice each a sught ref in manufal) and all topmand atapails, on course S. S. D. appendiction at the while At 1 Ph. clasted free in boiler A.

in boiler a"

n. J. Colsman . Ensign U. S. W. Oron 4 to 8 P. M

Clear, cot and pleasant. I sutly to moderate beggy from 6 by F. Flaip on caree N. N. M. (p. c.) all 60 Clock took in toggalland early royale and flying jet and took two engle cut in the topsaile and on reef in the forward. Forgued distilling and hauled flie on account of least in boiler a, and started free under boiler B. A sud of watch under toggard with two engle enfe, single reefed convery jet, for togenest staysail and expendent appropriate at the worker. W. B. Capirton.

From 8 P. M. to Mid Leutenant Q. J. M.

Gently to light been from East to FE. by E. Clear cool and pleasant. Bright starlight. Pludew came east as at end of percoding water Deposition at the what. Branked frie water boiler B.

Examined and found to be correct.

Gen Re Leitenant Ch. J. D.

J. B. Mollow, Navigator. Livitewant & J. W.

LOG of the UNITED STATES Phip Essex Third Rate,
Making passage from Charleston, Ib. to Yorktown, Va.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
А. М.	4)	2															
.1	1	20	Cauled in	. J. N. W.	F. E. ly &	1-2	0	0	30.32	64	63	62	67	b.w.	none	10	9
2	1	0			6.96.	1	0	0	30.32	64	63	62	67			10	1.
3	1	3			"	1.2	0	0	30.32	63	62	61	67	b.c.w.	cum.	9	
4	1	3			,,	1-2	0	0	30.32	63	62	61	67			9	
5	1	5				1-2	0	0	30.30	64	63	61	68		cum struk	7	
6	1	6				1-2	0	0	30.31	64	63	61	68			8	
7	2	2			East	2	0	0	30.32	64	63	61	68		,	9	-
8	2	6	"		6.96.	2	0	0	30.32	64	63	61	67		cir. eum.	7	
9	2	4			NE. by E.	2	0	1/2	30.34	64	63	61	67	b.c.		6	
10	2	0			E.N.E.	2	0	1/2	30.36	65	64	62	67			6	
11	2	0			East.	2	0	1/2	30.38	66	65	63	67			8	
Noon.	1	5	-			1-2	0	1/2	30.39	67	65	63	67			9	

67. 8 Distan	ne run by Log.	
Course and distance	te made good since preceding noon by observations, J, 48°9.	§3 knots. tenths.
	Latitude by D. R.	33 ° 11' N. "
Desiries et Ness	Longitude by D. R.	70 0 47 ' % "
Position at Noon:	Latitude by observations of ②	32 ° 54 ' N. "
	Longitude by chronometer from Forenoon Observations of ⊙	70 055' %."
Desition at 0 A M	(Latitude by D. R. from Joon	32°48' N."
Position at 8 A. M.	Longitude by observation O	70 050 04 "
Desition at 0 D W	(Latitude by observation (Tunner) 4.30 P.M.	33 000 N. "
Position at 8 P. M.	Longitude by	71 001 191. "
Current during the	e time, /2 knots tenths per hour, setting to the \$.27	W.*
Error of the Comp	ass by Azimuth o observed at 730 Q. M., ship's head . J. M. O.	4 ° 30 ' %.
Deviation of the C	ompass by Azimuth @ observed at 7.30 Q.M., ship's head	0 °47 '%. variation used, 5 ° 15 '%.
Error of the Comp	ass by Azimuth o observed at 4.30 (9.9%, ship's head "	5 ° 43 'O."
Deviation of the C	ompass by Azimuth @ observed at 4.30 (9.9%, ship's head	1 ° 0 9 ' 04. variation used, 5 ° 24 ' %.
Water expended di	aring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	200 "
Water remaining o	n hand fit for use at Noon,	350 "
Coal consumed dur	ring the preceding 24 hours,	/ tons 560 lbs.
Coal remaining on	Latitude by D. R. Latitude by D. R. Latitude by D. R. Latitude by observations of \(\to \) Longitude by observations of \(\to \) Longitude by chronometer from Forenoon Observations of \(\to \) Longitude by chronometer from Forenoon Observations of \(\to \) \(\t	

. M.			22.33														
1	1	5	Haded in	N. N. O.	E. by N.	1	0	1/2	30.39	67	67	63	69	be.	cir.cum	9	9
2	1	2		,,	0	1	0	1/2	30.38	67	67	63	69			9	
3	1	0				1	0	1/2	30.37	68	67	63	69	6.	none	10	
4	1	0		,,		1	0	1/2	30.36	69	67	63	69			10	
5	0	8	-		96.	0-1	0		30.34							10	
6	0	6			,	0-1	0	0	30.33	68	66	63	69			10	
7	0	7			,,	0-1	0	0	30.33	67	65	62	69	b.c.	cir strak	9	
8	0	8			9.994.	0-1	0		30.32			1			cum etral.	9	
9	0	8			O4.90V.	0.1	0		30.31					b.c.m.		9	
10	0	8				0.1	0		30.30							9	
11	1	6				1-2	0		30.29				,	0	none	10	
id.	1	6				1-2	0		30.28							10	

, 1894.

Koger Wellis, J

W. Waperlow

Energy Q. S. M

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Eleav and pleasant. Eight airs to light breeze from SE. by E. and E. SE. Prom row at 140. At 2.00 started distilling with bauked fure under briter" B" Ander jit, for toppade stayeast, double reefed toppade, engle reefed conservand spanker, or conserver N. N. O. appendicion at the what. Midnight to 4 a.m.

Montgowery M. Saylar My Ensign Ol F. M. Dim 4 to 8 a. M Clear and pleasant Light air and buys from 6.96 to East. At 6 00 turned the reefs not of topsails and foresail and made all plans sail to royale everyle a single reef in manuail busin N. N. A otch singaged in scrubbing clother and deeps bright wordent sto with sand and causes. Distilling with banked fire under brier B. A three matter schoons passed the ship standing to the Suthward apprentices at the wheel.

Ensign M. F. W. Orom 8 a. M. to Merid. Charles on deels and clearant Light variable been from NE by E to Each, Baronete neing. Obatch on deels and charles engaged cleaning ship at 10 35 called all appendic direction at their quotier with bage for bag imperior and sud of with under all plain each to impely every as employment with maintail) and for topmand stancis on conserve it. It appendicus at which Dietelling with Garded frie under boiler 18. Demperature of magazine 12° forward, 5° aft.

Our Merid to 4 J.M Chean, warm and pleasant Tight airs from E by N. Conse N. N. Conse S. Conse S.

From 4 to 8 P.m Cat 6.00 fulled topgallant saile and regule, flying jet and aparker and hauled up the encies At 6.30 laured a boat and brought alonged in floating gives of tender which when writed on board was found to be a pass of trummed pene 24 feet lag 12 niches under and 4 niches thick It had so marker and to writer had been in the was a pass of a wreeter waster land. To conting of bruncles indicated that the truther had been in the waster as least somether. At 700 cert the foresail. At such or water under jet fore topmach to the foresail to the forester and the surface of the foresails. staysail, topsails and freeail. Distilling with five banked under boiler B. appointince at the while

Gen R. C. Sintuan W. & W. Sem 8 Q. In to Inid.

Shair Bright starlight Phiaty around horizon balow to quite brey from It. F. Oh. 24 10.30 set mainsail At close of watch on coner N. A. It, under jit, for topmast stayail foreail topeails and anigh well mainsail. Distilling with branked free under triber 13. Apparentices at the wheel.

**Moneyowery It. Surface.*

Energy It. S. It.

Energy It. S. It.

Examined and found to be correct,

Third Rate,

F of the UNITED STATES Thip Essex Making passage from Charleston T.C. to Yorktown Ca. Direction by Standard 904. by 2. N. N. OL 0 30.28 64 64 61 68 3 2 2 88.5 0

A. M. 10 \$ none 3 0 0 30.26 64 64 61 68 10 2 6 91.1 3 0 0 30.26 64 64 61 68 10 2 / 93.2 0 30.26 64 64 61 68 3 0 10 8 93.4 0 30.23 65 65 63 68 bc. cir cum. 8 West 4 4 3 5 96.7 f. So by ON. 1/2 30.22 66 65 64 68 2.3 7 8 8.1 4 5 1/2 30.2167 67 66 69 b.c. cum. 1/2 30.20 67 69 67 71 cir. cum. 6 N. 12 %. 45 5 6 2 14.3 N by W.1/2 04. 4.5 7 9 1/2 30.21 69 69 68 71 b. c. m. 6 5 20.4 1/2 30.22 69 70 69 69 10 6 5 26.9 1.1.94. 4.5 7 Ch. by 9. 1/2 30.21 69 70 69 69 4-5 7 6 7 33.1 cir.cum 2 Noon. 6 4 38.8 4-5- 7 1/2 30.21 69 70 69 69

69. 3 Dietance run by Log. Course and distance made good since preceding noon by observations, 1/52 9/ 66 knots. 33 ° 55' N. " Latitude by D. R. 71 0 31 194. Longitude by D. R. Position at Noon: Latitude by observations of O 33 °58 'N. Longitude by chronometer from Forenoon Observations of O 71 016 04. " Position at 8 A. M. { Latitude by D. R. fund Some 33 º 36 ' N. " 70 0 59 194 " (Longitude by observation O Position at 8 P. M. Latitude by Observation (Functor) W 5.45 P.M. Longitude by 34 0 26 'N. " 71028194. " Current during the time, / 2, knots tenths per hour, setting to the \$ 65° 6. Can.

Beror of the Compass by Azimuth © observed at 7.30 U.M., ship's head N by W. 4º18'94. 0 0 35 6. Deviation of the Compass by Azimuth ⊙ observed at 7.30 (4.9k, , ship's head variation used, 5 030 '% , ship's head Error of the Compass by Azimuth ⊙ observed at

Deviation of the Compass by Azimuth ⊙ observed at , ship's head Water expended during the preceding 24 hours, 350 gallons.

Water distilled during the preceding 24 hours, .800 800 Water remaining on hand fit for use at Noon, tons 2080 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 124" 550

P. M. 5 5 43.8 A. N. W. 24. h. J. 5-17 1/2 30.13 70 72 70 68 b.c.m. No ly 2 1/2 24. 5 0 2 2 2 2 West. 1/2 30.11 70 72 70 68 48.7 17 4 7 53.1 1,94. 12 30.11 69 69 68 68 civ. a NOt. by N. 18. 4 4 58.7 5 7 12 30.09 69 69 68 68 NO4.3/4 N. 4-5 7 1/2 30.10 66 66 66 68 2 63.0 1/2 30.10 66 66 66 68 68.9 J. W. by N. 4.5 7 3 1/2 30.11 66 66 65 68 72.7 4.5 5 5 0 1/2 30.11 66 66 65 68 5.6 5 77.7 9 NE. by & 3/4 30.21 65 65 64 68 b.c.g.m. 6 9 J. Ol. 3/4 N. 6.7 7 y m. 84.6 10 3/4 30.23 65 65 64 69 91.1 1 %. by 1. 6.7 7 7 -11 5 1 96.2 3/430.25 64 64 63 68 6-7 7 Mid. 4 3 3/4 30.27 64 64 68 67 100.5 6.7 7-10

, 1894.

n. J. Coleman

W. D. Laperton.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mudwight to 4 a.m.

bloon and pleasant tenthe breeze from IN by W. Under jet for togenest stamail, to peall, conserved as 2.00 Between 1.30 and 3.00 a strange passed standing along N. N. Dietilling with free banked in boiler 16. appendicus at the while.

Roger Weller Jr. Ensign W. J. M. From 4 to 8 a. M. Clear and pleasant. Moderate to stiff been from Pret to Oh by A. Barmete falling. At 4.00 set topgallant sails egals, lying get apartes main and muzeu topmant storpails At 9.30 haved down figure jet. At end of watch find plan sail to worst every flying jet and a single net in manical with all topmant strupaulus, boun A.A. appendices at the wheel. Bittling with banked fires under biles "B.

From 8 a. M. to Merid

Eusign M. S. M. Clear to cloudy and hazy around horyon. Moderate to stiff breize from Cheek and Ob by F. Coince A. 194 (pc) at 3 o the Commanding Office inspected ship and crew at gratter. At 10.30 took in and fulled regule. At end of watch ship or conser 4 A. 194 (pc) under for man and oursen togenest stayment, and all plane will to toggallast will every a single set in mountail apprentices of the watch at the which Distilling with free backed under boiler B. Demperature of magazine 72 forward, 70° aft.

Orm Merid to 4 J.M. riterant W. J. W. Moderate to stiff beeze from Obly F. and Ober with 2.30, then closely verying to N. W. and N. E. Cloudy. Close hauled on pool tack until 3.00. Between 3.00 and 3.15 worn chip bringing her by the would on standard track . Caused down main and migut to power stangards at 3.00 At 12.10 changed concerts. I'M by S. At well of watch on conce I & byte. under for topmach standard and all plain each to top gallant each except as another white with mainsaid. Distilling with five banked wider looks 18. Appendices as the wheel.

Devitament Or J. M. From 4 to 8 P.m. Cloudy and damp. Moderate to fresh been from N.E. at 4.00 present a baren price of sour timber. At 4.45 eighted brig standing to 9E. at 6.00 fined toggetlant early Distilling with bracked from under biology of which under jet, for togmark staypails togetable conver and expanses, with enigh neef in mainsail, on conver N. M. by N. appendices at wheel.

Workforming H. Lewster

Montgowy Is. Lengton Engy M. 30 Denn 8 9 % to Mids.
Chady to clear. Deeds to very fresh breye in squalle from N.E. by E. Barmeter reinig.
Ot 8.30 took in and fuled maniscil and jet and at 10.15 took in and fuled foresil. Emer N. W. lyth.
appentices at the wheel Dictelling with bracked free under biler 16.
Roger Chelles, Jr.

Roger Welles, Jr. Enugn & J. M.

Examined and found to be correct.

J. B. Mo ilter. Navigator.

Third Rate,

G of the UNITED STATES Thip Essex Making passage from Charleston, F.E. to Yorktown, Va.

BARO	BAROME	ETER.	TEM	PERA	TURE.			Hear ths.	Sea.
Heigh in inche	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
30.2	30.23	64	61	60	67	b.c.g.m.	cum sund	17	m.
	30.22							7	1
30.28	30.28	62	61	58	67	"	-	8	"
30.28	30.28	62	61	58	67	"		8	1.
30.2	30.29	61	60	56	67	b.c.	cir. cum.	6-	R.
30.2	30.29	60	60	56	67	"		4	"
30.2	30.29	61	60	56	66			4	"
30.2	30.29	62	61	56	66		"	4	"
	30.40						"	4	6.R
30.4	30.45	62	61	57	67			4	
30.4	30.47	62	62	58	67		-	5	
30.5	30.50	62	62	2.8	67			6	
							0.47 62 62 58 67		

126. 1 Dietance run by Patent Log. Course and distance made good since preceding noon by observations, A 50° %. 119 knots. 35 °27 ' N. " Latitude by D. R. 73 001 194. " Longitude by D. R. Position at Noon: Latitude by observations of O 35 017 1. " Longitude by chronometer from Forenoon Observations of ⊙ 73 006 194. " Position at 8 A. M. Latitude by D. P. from Norw 34 ° 58 ' N. " 73 0 38 94. " (Longitude by observation O Position at 8 P. M. Latitude by observation (Linner) at 4-30 PW. 3504811." 73 0 57 194. " tenths per hour, setting to the \$29.9%. Current during the time, /O knots Bror of the Compass by Azimuth © observed at 7.30 a.M., ship's head NO. by N. 4045' 04 1037' %. Deviation of the Compass by Azimuth @ observed at 7.300 %, , ship's head variation used, 5 ° 30 '%. Pray. of the Compass by Azimuth © observed at 4.30 P.M., ship's head 5°09'94." 3008 . 04 variation used, 5 9 /2 . W. Deviation of the Compass by Azimuth @ observed at #36 99., ship's head Water expended during the preceding 24 hours, 300 gallons. during the preceding 24 hours, 900 Water distilled Water remaining on hand fit for use at Noon, 1400 / tons 320 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 123 " 230

P. M.																	
1	4 2	3	68.8	1.94.12 Vr. 1.04.	16. by 6.	5	6-10	1/2	30.53	63	63	58	70	b.c.	cum.	3	Gr.R.
			78.4	,,		5	6-10	1/2	50.54	63	63	58	70		cir.cum.	5	
			84.6			5-	6-10	1/2	30.52	63	63	58	70		1.	6	-
4	5	2	89.8		6.46.	3.4	5-8	1/2	30.51	63	63	58	74			6	
5	4	2	94.0		"	3.4	5.8	0	30.47	63	63	58	74		cim.	6	
6	3	5	97.5			3	5.8	0	30.44	63	63	58	74		1.	7	
7	2	6	100.1		East.	2	4.6	0	30.46	63	63	58	74	*	,	7	4
8	2	0	2.1		"	2	2.5.	0	30.45	63	63	58	74			7	1
9	2	3	3.6		6. by N.	2	0	0	30.49	63	63	5.8	74			3	On.
10	2	3	3.6			2	0	0	30.49	63	63	58	74	-		8	"
11	2,	0	Houled in.	,,	18. by 6.	2	0	1/2	30.49	63	63	58	74			8	
Mid.	1	0				1-2	0	1/2	3049	63	63	58	74			9	

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Partially cloudy and cool. Stiff breeze with frequent heavy aqualle from N.E. Davonater riving. Monoral at 2.38. We end of watch under togesale, for toponary et ayant and aparker heading N. D. I. & Bonson N. W. by N. Distilling with banked from under boter 15. apparation at the what. (Midnight to 4 a. m

From 4 to 8 a. m

c Eusign U. J. W. Dair and cool. Duch breezes from N.E. Course N. by b. (pc) Fix rough from N.E. The rolling duply and frequently: extreme roll to lessend 22 to windward 10° at 6.30 set foreal. At end of watch on her cause N. by N. under for topmark staypall, topsally foreign and sparker. Appendice at the wheel. Distilling with free braked under boiler B. The clock 3 minutes lettered 7 00 and 8.00.

Oum 8 a. m. to Merid

Leutenant M. J. W.

Stiff buy from No. by 6. Dair and pleasant. Choppy and insighter sea Printered crewal quarters at 9.30. Suring 12 period, 9.45 to 10.30 mustreed all hands at elations for queral evolutions. 2nd period, 10.45 to 11.45 instructed 1d watch in marlinepole examinably, earlinging and compress, 3th watch in earlie and speec. Fet the manusal at 9.10, the main tripial and file at 9.25, and the topgallast earlie at 10.15 Chaude part after water tank. By other of boundaring Officer changed concer at 8.35 to 19.18, see Fandard. At end of watch on concer 18.18. under for topparts staypart, main tripial and plain said to topparlant vaile every a single net in the mainsail apprentices at the wheel. Desegurative of magazine 12° formaid 70° aft Distilling with free banked under biler B.

Penne Merid. to 4 4.90

Gene Gent Divitenant V. J. N.

From Mila. Is a The Sair and pleasant. Gentle to fresh breeze from NE by 6 and 6.16 At 12.45 changed.

Consert to N. M. gratur log 68 8. Al 300 set main and migger topment stayable and at 340 set royale. At 1.15aighted backentin standing to Ft. Dilled as follows: 1.15 to 2.15, first watch, early and appear 22 watch mailments, salmaking and compact, 2.35 to 3.15, first watch, gumany 21th watch, early and apare: 3.30 to 4.00, first watch, film, back and log 2nd watch, gymmenties At close on conver N. while all said early flying jet and engle ref in manual. Distilling with backet five under baler B. Appentice at the while.

Ones 4 to 8 P. M.

Crew 4 to 8 P. M.

Oun 4 to 8 P.M

Clear and pleasant. Sentle buy from E. V. E. to light buy from Each A 4 15 to the in main trypail and examine, and at 6.15 toppellant early royals, and main and mixture topmack starpails. At end of watch under topeacle concer with a single net in the maineal jet and for topment staypail, be concer if the . Tighted as strame, hell down, struding to the Estevand at 7.00. Distilling with banked five under boiler 16. Appentice at the wheel.

June 8 F.M. to Mid

Roger Weller, fr. Energy & F. M.

Come & P. M. to Mid.

Gastielly cloudy and cord. Light buys to light aris from E by N. to NE by E. The rolling considerably to moderate well from NE as end of watch endew job, for topmach stayail, topsails, foresil, engles needed manuscil, on concer & N. appentices at the whal. Banked free in briles B. Dickelling.

No land cura

minarar, N.J.n., imag. Examined and found to be correct.

J. B. Moilton . Leitensut Q. J. M.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Charliston F. E to Yorktown, Va.

		T	00	0 0	WIND.				BAROMI	TER.	TEM	PERAT	TURE.			ear hs.	86
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			Handed is	N 94.	6.46.	0-1	21.25	0	30.48	63	63	28	74	b.c.w.	cir cum	9	L.
2	0	6		"	-	0-1	21.25	0	30.48	63	63	58	74			9	
3	0	0		_	balm	0	21.25	0	30.49	63	63	58	74	4		9	
4	0	0				0	21-25	0	30.49	63	63	58	74		" .	9	
5	0	3		N /26.		1			30.49					b.c.	-	8	L
6	0	0				0	15.15	0	30.49	63	63	60	75		cir.cum	7	~
7	0	0			-	0	10-15	0	30.49	64	66	64	75			6	
8	0	0				0	10.10	0	30.49	65	67	64	75		cum.	6	
9	0	0				1	10-10		30.46		1		1			6	
10	0	0				0	10-10	0	30.43	67	68	64	75			6	
11	0	6		A by 94.	West	0-1	10-10	0	30.43	64	68	64	75			7	
Noon.		5	-	North		1	10-16		30.43							7	
			~			1				-				-		1	-

48. 5 Distance run by Frg.	
Course and distance made good since preceding noon by observations, July 2 %.	72 knots. tenths.
(Latitude by D. R.	35 ° 56 'N. "
Longitude by D. R.	74 000 194. "
Position at Noon: { Latitude by observations of O	36 024 10. "
Longitude by chronometer from Forenoon Observations of O	73 035 104. "
Position at 8 A. M. Latitude by D. Jonn Norw	36 022 · N. "
Position at 8 A. M. Longitude by Observation O	73 035 194. "
1 1.6	36 057 . N. "
Position at 8 P. M. Longitude by Distribution of Summer at 4,30 C.M.	78 011 , 04. "
Current during the time, 35 knots tenths per hour, setting to the \$128	· 6.
Error of the Compass by Azimuth O observed at , ship's head	0 (
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	1000 "
Water remaining on hand fit for use at Noon,	2000 "
Coal consumed during the preceding 24 hours,	/ tons / 60 lbs.
Coal remaining on hand at Noon,	122 " 70 "

		1		-	1	T		T		T	T		1				
P. M.	2	7	3.6	1.1/2 6.	Q. A. W.	2	-	1./	30.38	42	60	6.1	71.	b.c.	cir.cum.	8	٤
1 2	3 4	2 8	8.4	JI. 14 6.	W. W.	3	5	,	30.38					40.0.	LUCIOC. ACCAS.	8	4
3		5-	13.9				5	1	30.39							8	
4	6	6	20.5	103/4 94.	Chest.	4	5	1/2	30.39	68	68	64	66			8	
5	7	3	27.8	N. S. O. 14 Ot.	04. by 9.	5	9	1/2	30.33	68	68	64	70		cir.cum.	9	
6	5	8	33.6	A by 92:12 94.		5.2	7	1/2	30.30	64	64	62	59		.,	9	
7	2	7 2	35.3	9.12 04.	Gest.	3	3	1/2	30.29	64	64	62	59		cir.	7	
8	1	9	39.4	"		3	3	1/2	30. 28	64	64	62	58	b.o. w.	cum strak.	9	
9	3	0	42.4		Ok. by 9.	5.6	6	1/2	30.25	67	67	65	58	b.o.m.w.		9	
10	4	4	46.8			5.6	6		30.25							9	-
11	4	0	50.8	9 3/4 04.		5.6	6	1/2	30.26	67	67	65	70			9	-
Mid.	5	0	55.8	9. by 04. 14 04.	Otest.	5.6	6		30.26							9	
1				V													

, 1894.

Mr. Leitenant Q. J. N.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Clear cool and damp. Sight airs from 6. No. frist two hours calm last two hours of watch. Comme N. M. (pc) Bacely strungury fries harf, no strungury last two hours. Proon now 3.05. Hauled up manisail of 30 clock at end of watch ship weeks yit, for topment staypail, topsail and found Dietelling with five banked under boiler B. appendix at the wheel. Sighted a steamer stranding to 9th and Ed. This rolling deeply to long will from Nd and Ed. The

Chum 4 to 8 a.m

and Lieutewant Qu. J. W. balow, fair and phasant. On steerageway This rolling on long heavy sure from No and Ed Hauled up forwail at 5.25 at 7.30 cet forwail, enigle refid maintail and topgallant carle at end of watch under plane earl to topgallant early everiff a engly reef in the mainsail and the spanker. Distilling with frew banked under boiler B. appentices at the while

From 8 a. M. to Merid

Changed cover to N. by the N. all 9 to clearly up main topeall to seem per ref tacker al 9. 45 set royale and epauler and at 10.15 set flying jit. B. Gorman (box) reported term of entitioned eigenede at 9. 15 set flying jit. B. Gorman (box) reported term of entitioned eigenede at 9. 30 mustered at quarter and dilled as fellow: 9.45 to 10.45 general exercises at battery and fender direction; 10.45 to 11.45, feel water and expan, exemple water, markered activation and expan, exemple water, markered activation for transact staying with a engly cut in manufact. Freel eighted to the appendix is at which or engine for transact staying that any for the manufact of the appendix of the Appendix of the Armend, 70° eff. Pasted magazine flood each and found them all eight. Distilling with banked free under boils 16. Monteyonery H. Tenglos

Mr. Energin U. S. O. June Merid to 4 P.M Clear and pleasant Light bery from 4. 4 % to moderate brey from Olreb. Ander all plain sail to engle by the wind on the port tack. The exercit watch had instruction in sails and express from 115 to 2.15, gamery from 2.50 to 3.15 and hely lead and by from 3.30 to 4.00; the third worth had marlinepoits deamanching encloseding and compare from 1.15 to 2.15, guerrey from 2.30 to 3.15, and gymnastree from 3.30 to 4.00 Appentice at the which. Distribute guer brushed from 5.50 to 4.00 Appentice at the which.

Roger Welles Jr. From 4 to 8 9.00 Clear and plerease at fick, breming or and damp during last two home. Fiff to light breeze from the by F. to Check Bownette felling. at 5 10 temperature of each water derigned 11° from 5 o'clock observation, force of und dropped from 5 to 2 and air brame censily color, Lat 36 "54 A. Song 73 04 %. At 5 30 passed back, evidently a whaler and flying american bolow, digipal color in aneuto to her, made International eignal B.S. F., no answer. at 60 clock work alip from heading Ney 9. 12 9. to 9. 12 9. in 6 minutes took in and fulled topgelland sails send injels. at 7.30 tuo masted achoner Beltie of Perinton, Mase. graced under one stem and in answer to bail, rejected bring to ble of oil on brand and whalis ecane. At each of witch under for topmash staying, jet, topmale, foresail, engle net in manuscul and expuser heading I. 12 %. Bruce & 4 % 15 %. appendices at which I stalling with backed fries under biles B. M. J. Lo of comain

From 8 P.M. to Mid

Chear damp and cal. Itiff to feel begge from It by I and Cheel Erree It by it. Designature of water ever 112 between 10 and 110 Clove. They fill and by no stabred treet under same said as at and of general watch approximated Examined and found to be correct. whell Distilling with free banked under biles B. W. Rlaperton

> Luca Luitenant D. & W. . B. Me ilton Navigator.

COURSES STEERED by Standard Compass. Direction by Standard Compass. b. w. Quest 12 30.26 69 69 68 76 J. by W: 14 W. 5 5 1 4 9 60.7 10 9. ly 91./2 91 5- 5 12 30.24 70 70 68 76 65.4 10 5 5 1/2 30.24 70 70 68 76 10 70.4 10 5 7-10 1/2 30.24 70 70 68 74 73.4 9. by 04. 9. by 04. 14. 04. 9. by 04. 12. 04. 5 10 · 2 30.23 71 8 78.4 70 68 74 1/2 30.23 70 70 68 74 5-6 3-10 84.0 1/2 30.23 71 70 69 73 5-6 3-16 89.6 5.6 7 1/2 30.24 71 70 68 71 93.0 1. 1/2 94. 3/4 30.22 71 70 68 71 5-6 No by 94. 5 5 1/2 30.24 71 72 70 73 4 0 2.7 4-5 5-10 1/2 30.26 73 74 72 74 11 4 4 7.1 4-5-5-10 14 30.24 74 75 73 76 Noon. 5 7 12.8

110 1 9 . 4	10+15	
	rue new by Patent Log.	
Course and distar	nce made good since preceding noon by observations, \$179 6.	55 knots. tenths.
	(Latitude by D. R.	36 0 14 18. "
		73 016 194. "
Position at Noon:	Longitude by D. R.	,
rosition at 1100m.	Latitude by observations of ②	36 035, N. "
	Longitude by chronometer from Forenoon Observations of O	72 029 10/1. "
	(I wind in St 18. Low show)	36017.1.11
Position at 8 A. M	Latitude by D. R. from Now	72 0 24, 94. "
	Latitude by Observation (Lumm) at 4.30 P. M.	37 0 13 1 N. "
Position at 8 P. M	Longitude by	72 0 20 : 9/. "
		3.9
Current during the	he time, 45 knots tenths per hour, setting to the 50 61	6,
Error of the Com	pass by Azimuth @ observed at 7.30 QM, ship's head 9. by V.	5 0 30 1 04.
Deviation of the	Compass by Azimuth ⊙ observed at 7.30 Q.M., ship's head	0 0 28 W. variation used, 6 020 W.
nav.	is a single of a second at 120 Pm objects hard the Old	7 0 54 1 94. "
Error of the Com	- 1	
Deviation of the	Compass by Azimuth O observed at #- 30 990, ship's head	1038 . W. variation used, 6052 . W.
· Water expended	during the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	978 "
		2578 "
Water remaining	on hand fit for use at Noon,	
Coal consumed di	uring the preceding 24 hours,	/ tons 2 4 0 lbs.
Coal remaining o	n hand at Noon,	120 " 2070 "

P. 1	1	6	6	19.4	Ju 3/4 94.	Of est.	4-5-	5-10	1/2	30.22	74	75	73	77	b.c.	cir. eum.	5	M.
				26.5.						30.20						*		
				33. 0		-	4-6	6-10	1/2	30.18	75	75	73	75		, .	8	
4		6	7	39.7	A /2 04.			5-10									8	~
	5	6	8	46.5	N by Ot.		4.5	5-10								"	8	~
	6	6	0	52.5	A by 04. 1/2 94.	W. by 8.	4.5	5	3/4	30.20	65	67	67	59		4	8	
	7	6	2	58.7	1.1.04.		4-5-	5	3/4	30.20	63	65	65	58		cir. etral.		
	3	5	1	63.8	NO4.14 N.	9 9. by 94.		5										
	9	4	0	67.1	1 94. ly 84. 12 84.	for!	4	5	1	30.14	63	65	65	60	b.w.	none.	10	
				70.2	10 04. 2y 96 14 96.		4	5	1	30.12	63	64	64	60			10	
				73.5	,	*	5	5	1	30.12	62	64	64	59	~	,,	10	
				77.4	A M. ly %.		5-	7		30.13								
1					1			'										-

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Friff breeze from West, steady in forw and direction. Blear and damp. Bright starlight. Throw row at 3.25 moderate are fine I'd dud Vid. Blow hauled on starboard track under fit, for topmark starpail, aparter topically foresil, and single respect mainsail. At 4.00 found patent lig fulled with ear word. Sixtilling with five banked under bales to appendice at the wheel.

Geo. R. Ceack Ac Lieutenant M. J. W. Oum 4 to 8 a. m.

Fair and mixty. Fiff to fresh breeze from Obert. Perdevate era from Obert. At low by the winds on starband tacks, under jet, four topmach starpails, topeails, concer with a single next in manword and aparter. Lands in patient by at 80 level and found it fulled. Dietelling with bauched free under boiler B. apprentices at the wheel.

Montgowy M. Lugher mms. Energie W. F. M. Deone 8 a. M. to Merid

Eloudy but pleasant. Moderate to stiff breeze from Otah. At 8.00 were asig, and brought her by the word on the post tack. At 11.00 art toppellant sails man and migres trymach stangarle. Muetred at quarter at q. 30. Drom q. 4.5 to 10.30, instructed the appendicus in their stations for all sail elocations. Drom 10.45-to 11.45-the acoust witch we market with and appendicus in their third writch we marketype to mensely, sailmaking and conjust. A such of watch by the wind on the part tack under all plans sail to topy alant sails for, made and myzer topmast staymile with a suigh ref in the manual appendices at the while Distilling with banked free in boiler B. Desuperature of magazine 73 forward, 712 aft.

Hoger Welles fr. 4. Ousign & J. N.

** Creege & S. R. S. R. Savoutte felling Hard dille as follows. from 1.5 to 2.15. 1st waterly sail and explicit planes. from 1.5 to 2.15. 1st waterly and explicit planes. from 2.30 to 3.15. 1st and 3st waterly gameny. from 3.30 to 4.00. 3st water helm lead and leg: 1st water government. From 2.30 to 4.00. 3st water helm lead and leg: 1st water government. From 2.30 to 4.00. 3st water helm lead and leg: 1st water government. From 3.30 to 4.00. 3st water helm lead of water from the grand water standing to software the first water and all top much standing to the standing S. In 3st and 12.30 changes concert to the standard while Sielling 2 with banked five in lines 16.

n. I bot Eman Ensign W. S. W. Que 4 to 8 9.90

Clear, damp and cool . Hazy around horyin . Groderate to stiff breyer from Heb backing to FU. by & Conser () to Is (p.c.) at 4 40 passed int of bull there and temperature fell 132. at 4. 30 exchanged number and colony with the Framer Sequer of Liveport England at 4.40 made International arguel 4.20. and Project answered: at 4.45 made B. G. 3 and Tigue annual B. S. S. N. at 4.45 exchanged colors with the Gehmer Pattie of Connection Mass. at 7.00 took in topgetlant sails, and main and migus topmach stayards. At each of water by the wind on port tack under toperally forward, engle wifeld manusail, jet for topmach stayard rands expender. It great dictilling at 7, 45, free banked under binles B. appentice at the wheel. Several sails in sight. W. Maperton.

From 8 P. M. to Prid Trentenant Ch. J. W. Overlevete to stiff bezze from I.V. Bluer, cool and damy Bright stallight blow brailed or post tack, under come sail as at end of generaling worter. For receive bight what 10.00 braining on stanboard quarter.

Fire banked under biles B. appentices at the wheel. Geo. Rleave,

J. B. Me il ton Navigator.

90 Levitanant W. J. W.

Examined and found to be correct.

Third Rate,

LOG of the UNITED STATES Thip Essex Making passage from Charleston, S.C. to Yorktown, Va

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	67 4	5-0	81.4	N 94.3/4 94.	F %.	4.5	5	1/2	30.09	61	63	63	59	b.w.l.	none	10	N
2	3	9	85.3			4-5	5	1/2	30.08	61	63	63	59	b.c.w.l.	cur.	8	
3	3	4	88.7	104.	891. by 94.	4	5	1/2	30.08	61	63	63	59	"		7	
4	2	8	91.5	NO4.12 A.	. "	4-3	4	1/2	30.08	61	62	62	59		cir. eum.	8	
5	2	2	93.7	N. A. 94.	O4. by 9.	2	5	1/2	30.12	61	62	62	59		wint.	2	2
6	2	0	95.7	A by V.12 W.	Ot est.	1	5	1/2	30.14	61	62	62	59	b.c.m.	"	1	-
7	-	-	Hauled in.		Calm	0	3	0	30.15	62	62	62	60		cir cum	. 3	
8	1	0	96.0	Of est.	16.	1	3	0	30.16	62	62	61	60		"	5	
9	0	025	96.5	94.3/4 9.	· 6.16.	2	3	0	30.16	64	62	61	60	"		5	86
10	1	5	96.9			2	3	0	30.18	64	63	62	60	b. z.	none,	10	
11	1	6	Hauled in			2	3	0	30.18	64	64	62	60			10	
Noon.	0	5				0.2	3	0	30.20	66	65	63	61			10	
			~	4.													

92. 1 Dietauce renoly Log.

Course and distance made good since preceding noon by observations, J. 142 9. (Latitude by D. R. Longitude by D. R.

Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. { Latitude by D. R. from Noon | Longitude by observation 0

Position at 8 P. M. Latitude by Observation Linner, 4.30 P.M.

Current during the time, 25 knots tenths per hour, setting to the 172 6 Beror of the Compass by Azimuth o observed at 300. %, ship's head W. S. 3/4 W. Deviation of the Compass by Azimuth ⊙ observed at 7.30 a. 90. , ship's head

The Compass by Azimuth ⊙ observed at 430 9 % , ship's head % by €. Deviation of the Compass by Azimuth ⊙ observed at #.36 9%, , ship's head

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

73 knots. tenths. 37 0 39 1 1. "

73 0 22 . 01. " 37 047 . 1. "

72 052 104. " 3704811. "

72046:94. " 37 039 , 1. "

73 0 22 . 9. "

6011 10%. 2 . 51 . W. variation used, 7 . 00 . 21.

6016194 "

3 0 16 . W. variation used, 6 0 40 . 9. 400 gallons.

422

2600

119 " 1990 "

PM																	
1	4	5	97.0	Ot. by 8.	1. ly 6.	3	3	0	30.25	64	63	61	59	b.	none.	10	L.
2	3	4	4.0			2.3	2	0	30.25	62	62	61	60			10	
3	3	4	7.4			2-3	2	0	30.26	62	62	61	61			10	9.
4	3	5	9.7			2-3	2	0	30.25	62	62	61	60			10	
		4				2.3	2		30.26							10	
6	1	2	13.4	Q. 994.		2	0		30. 26							10	.,
	1		14.2	O4. by 9.	€. №6.	1			30. 26						,	10	
		5	15.1	7.		1	0		30.26							10	,
9	0	8	14. 8	. Qi. f. Qi.	East.	1-2	0							b.z.w.		10	4
	2		17.0		9.96.	1-2			30.24					1		10	
1000		0			0.00.	1-2			30.24							10	
Mid.			1	"	9. by &	1-2			30.24							10	
Mil.	1000	0	11.0	•	J. 17 6.	1.0			04. 47	39	-	9	09				

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a.m

Fair and very damp. Gentle to fresh breeze from IN and IN by N. Constant flasher of lightning to AN and No. at close under jet for topmast stayable, topealle, conser and epentury with a suight neef in the manuall, by the unid in gent tack appendices at the wheel Backed frie under Poles B.

Wordsprug M. Lugher

Grow 4 to 8 a. M.

" " J Eneign Q. S. W. bloody and mitty. Fight air and breeze from Wey I with calour and light air from NE. Baronte viewig. Who so band in patent by and at 7. 20 put it new again warding 95.7, the align coming up to be conse Week at 7 so est topgathant sails, royale, flying jet, main and migger topmark stayeals as one of watch under all sail except main typnic and a eviger rely on the maintenance affected at the while a stranger stranding to the Gentland present about 5.00 Banked free weeker boiler B. Thurled out below with stran lone

Ologer Weller Jr. Eurign V. F. M. Tozy and pleasant balm to high bury from 6. V16, till 11.05 when moderate bury apromy up from I by 6. Baronther vieing. At 9.30 meetind can at quarter and had the following dulls. From 9.45 to 11.30, 14 watch atellary not pictole and zet watch. It 30, 14 watch atellary not pictole and 3th watch infantry, 3th watch, atellary and pictole. From 10.45 to 11.30, 14 watch atellary not pictole and 3th watch infantry. At 8.30 took in speaker and it is again at 11.55. Enguneric direction channel before legenstrice at the while. It was of watch under all plane said to roycle and all togensation at watch the said to roycle and all togensation to come of the said to be said to roycle and all togensation. to D. 14 F. and at 12 M. changed come to It by I at 9.00 started distilling with backed free under boiler B. Temperation of magazines 72: forward, 70: aft. J. Col Eman

Gum Merid. to 4 J. M

Two Energy OU S. W. Chave cot and pleasure. Fight to gentle beryer from the by E. Come of by E. (per Sing everl from 3th. The apprentices were revealed as follower: 3th period from 1.15 to 2.00, 1th watch had brevelenoide and 2th watch had infantry and 2th watch had priotly 5th period all hander had am all brett for destant evere. I athen so deep at the what, Simual each and are stranged in eight during watch at the what, Simual each and one stranged in eight during watch at the what f watch ship under all plain with to roycle and for, nain and myzin toquach strugails over a single ref in nameail. Distilling with five braket under biles is. Out our getter legal 12.10 under 97.0 miles.

Dunu 4 to 8 P.M.

Unc Lieutenant O. G. N. Light to gettle buy from I by 6. felling to light axis and steing to 6.46 bleavand pleasant. Bay, sumed boryon last lim. Fronth ess. At 4 or chard who be white balantin examing me atern and standing to the and Web, but recursed no amento. At 5.30 raw off as print to clear as creek standing about 6.96. The creek, which gives to be the three marted achimer " Thra ardyw of banden N.J. chalked her Lingitude, 73 28 W, no her quarter. Ohe accused in same way with 3724 it. and 73° 15° 4. Floods who was extraord entires. Itograd evaporator at 800 and allowed fixed to die out under brile 18. Forthis the main and migger transact etayonile at 5° 30 and the cryste and flying git at 6.25°. At ends of watch under four transact stayand and plane will to typgelland soils everyt the oppuller and a single reef in the mainsail appointers at the wheel.

Oum 8 G.M. to Rid Elean and pleasant Hayy around borying very draws Light airs to light brezs from \$6, 9.9.6. and I ly E. At 8.15 changed course to \$4.90. yetur log 16 4. At 9.50 righted ctranses to \$4.8. strading to \$6. At class under carrie and some Examined and found to be correct free on watch, in course & \$4.8 appendix 4. All street.

Northwester 4. All late.

Muy Guegn Qu. S. OK. J. B. Moilton Navigator.

Walaperton,

Direction by Standard Compass. A. M. 29 9.96. b.l.w. 10 8 ON. J. OV 1-2 0 30.26 59 60 59 59 none. 17.9 0 0-1 0 0 30.25 59 60 59 59 10 18.2 b.w. 0 30.24 59 60 59 59 0-1 10 18.4 0 0 30.25 59 60 59 58 0-1 0 10 18.4 96. 0 30.26 58 60 58 58 b.c.m.w. cir. 0 30.27 59 60 58 58 20.7 9 2 3 0 30.27 59 61 60 58 10 23.9 f. by 6. f by 9. f. f 9. 2 3 0 30.27 59 61 60 58 16 26.8 \$4 30.25 59 61 60 58 b.c.m.w. 2 3 4 29.5 1/2 30.25 58 61 60 58 H. ly A. 2.3 3 33.8 10 9 %. by 9. 1/2 30.25 58 61 60 58 04. 4 94. /2 94. 3 3 38-1 4 4 3/4 30.26 58 61 60 58 491. by 94:14 94. Noon. 6 2 44.2

62 4 Dista	ace run by Log.		
Course and distance	e made good since preceding noon by observations, \$7500.	72 knots.	tenths.
	(Latitude by D. R.	37 020 . 1	. "
	Longitude by D. R.	74 007 194.	"
Position at Noon:	Latitude by observations of ②	37 029 . 1	, "
	Longitude by chronometer from Forenoon Observations of ②	74 019 , 96	. "
	(Latitude by D. C. from Norw	37 025.1.	"
Position at 8 A. M.	Latitude by D. L. from Norw (Longitude by Observations O	73 0 59 . 94	"
	(Latitude by D. R. from Form	37041.0	i, "
Position at 8 P. M.	Latitude by D. R. firm Norw Longitude by Chamanter from Afternal observations of P. M.	74050,00	. "
Current during the	time, 9 knots tenths per hour, setting to the \$85.2 %.		
Error of the Comp.	ass by Azimuth ⊙ observed at 7.30 Q.9%., ship's head	0 (
Deviation of the Co	ompass by Azimuth o observed at 7.30 Q.M., ship's head Q. S. N. 3/4 9	4. 5036 · Q	variation used, 6004 W.
Error of the Comp	ass by Azimuth © observed at , ship's head	2032 19	ł. "
	ompass by Azimuth O observed at , ship's head	0 1	variation used, o
Water expended du	aring the preceding 24 hours,	. 400	gallons.
Water distiller	d during the preceding 24 hours,	400	"
Water remaining o	n hand fit for use at Noon,	2600	"
Coal consumed dur	ing the preceding 24 hours,	tons /520	lbs.
Coal remaining on	hand at Noon,	119 " 470	"

-	-		pasonto		The second secon		-	-		WILLIAM TO THE PERSON NAMED IN	-	-	-	1	-	-	-	-
P.	M.				O 1	de 1 1			.,						0			4
	1	6	2	50.5	OH. 1. OH.	9 % by 9.	5	5	3/4	30.25	59	61	60	58	b.o. z.	cir- cum.	9	J.
	2	6	0	56.5	W. J. W. /4 W.	, ,	5	5	3/4	30.25	60	62	61	58	. 0		9	
		3 2		62.1	34 . 4 94 . 12 94 .	,	5.3											
	4	2	7	64.8			3	5-	3/4	30.23	61	62	61	58	0.0.	wint.	0	
				67.1	J. M. by A. 1/2 N.	90. ly 04.		5.8							0.0.9.0.6.0			
	6	0	9	71.6	6. hy N.	9. by 2.	1-4	2							o.e.d.r.			
				74.0	96. by 9.	90%. by 04.	2								b.o.d.w.			
	8	1	5-	75.1	9.1/2 6.	Of by I	2	2	1/2	30.19	62	62	61	SY	b.c.w.		2	
				75.4	S. & W.	Os by N.	2		.1						-			-
				75.8	Fly W.	West.	0-1	0							4		5	
1	11	0	5	75.9		FN. ly W.	0-1		1				-	,	7		7	
				rageway		9.9%	0-1	0		30.16						-		
1																		

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 0. M. .

Mity with very heavy dear, bught atachight orchead. Light and breye from I. F. E. Mules plain sail to toggetlant sails, everyt aparker and a single ref in the manusal or course & F. D. appendició at which.

Roser Welles In,

Orom 4 to 8 a.m

Roger Wellis, Jr., Ensign Dr. J. M. Misty heavy dev. Fight airs to light brey from F.E. to I by E. At 50 clock art regals and main and muzin tronact stayonils. At 70 clock art flying fit and aparter. At each of watch under all plain sail to each every suight suffice at while

Furm 8 a. On to Oriend.

no Solsman

Clear and damp with light hay around brigin . Third light from Ily E. werreing to moderate breeze and seeing to I. W. Connew D. F. M. (p.c.). Fra count to Ag so went to General Quarters and the divisions were reported ready in the following times: Engineers division in I minute 30 execute; Nacigetois diricine in 2 minute, 20 execute; Dovered Porter diricine, in 2 minute, 30 execute; Efter Porter diricine in 2 minute, 40 exemple; 3 rd division in 3 investee, 20 exemple; 1 et division in 3 minutes, 30 exemple; and 3 rd division, in 5 minutes, 50 exemple. At 10.45 week to Price Quarters: Sunter thereion weeky in 1 minute 25 seconds; Euguinis sterium in 1 minute, 45 seconds; Thougeton's devices in 1 one acts, 55 seconds; 5 thereion in 1 minutes; 45 seconds; Mil 20 sechangul colors with the Teleman Navy & Hall. bound to the Note and Ed. At end of watch ship by the wind on part tack under all plain sail to words and for main and oniggs togunal etayonely, everyt a enigh nel in maineail appention at the what Fighted strange etanding to the Guthward. Demperature of magine 72 forward 70° aft. Walfaperlou.

From Merid. to 4 G. M

Fith freeze from 4th by 3. until 2.30 when it evidency fell light creed to Heet need then gradually hands again to 4th by 3. Clear and damp, with haze assumed being until less how, then occase, Townthese. During 3th genete, 115 to 2.00, the Gaynestee interested all apprehens in method of haying accounts. It prints 2.15 to 3.00, the Turger nistenets all apprehens in method of haying accounts. It prints 3.00 to 3 3.15 to 4.00, exercised all laured at exercing typicals take there enight exert in different by present the self searing each time. Here should also the series and made all plane said to expelle everythe simple exercit in the manifest much from grant and one attended from many and major to present extrapelle and all plane and to expelle everythe simple exercit in the manifest exercit exercit and our attender of the entire properties of the exercit in the second of the exercit in the second of the exercit is the exercit in the was gives an acting appointment to date from easin time. appendice at the wheel.

Grow 4 to 8 a.m

Que R. Seculo M. J. M. Occased. Light air to fresh breze from II by the M. by I and I by W. at 4 40 took in anyale, toggetlant sails flying fil and agradeen at it is a struct by in aquall from I the auch trole in marically wind backed to I not and blew very feels. at 5:10 land was rejected to Oh D. and at 5.15 wow ship, exteng manisails and eparter while going would. as some as me starband tack and what topsails and fueled manipul and yester. a much of extensed in eight during water. When metaloud tack under jet, for tryment stayant, but we fel topeable code foresil. Thy claving consented and wind handing to We. At 5.15 trot coal, getting 17 fethore, gong and: at 8 o close get 22 fethous, gray and apprentices at the wheel Bent both bowt chain.

relieb. It presighed

Oum 8 P. M. to mid

Greign W. S. N. Cloudy with heavy dewr. Tight berey from W. by N. verying to light air from F. F.M. and caloner. Ander jit, fow toyunach staysaid, double wifed Examined and found to be correct typesile and foresil, by the wind on stabrubitacie. Will so arounded in 25 fothers and at 12.00 in 22 fothers, below Roger Chelles Ja, Energy N. J. W. light gray early black years and broken shell. aggrentice at wheel. at 12.00 hauted in patent log reading 75.9.

Luitenant U.S. M.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Charleston, J.C. to Yorktown, Va.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M. 1	33	7 5	Harled in	NOW.	6.86	04	3	0	30.15	59	60	59	57	b.c.m.	cum.		8
2	_	-		No steerageway	balm.	0	3	0	30.15	59	59	59	57		,,	3	
3	_	-		. 0 1	,,	0	3	0	30.15	59	59	58	57		7	5	
4	_	_			.,	0	3	0	30.15	59	59	58	57	,,		7	
5	_	-			,.	0	2	0	30.15	59	60	58	57		cir.cum.	3	
6	1	0		94.494.	£94.	0-1	2	0	30.15	59	60	5.9	57	,	"	1	
7	0	6		96.	,	0-/	2	0	30.16	60	60	59	57	bem.	-	1	
8	2	0		96.3/4 9.	"	1-2	3	1/2	30.16	60	60	59	57			0	
9	,	4		96. h, 9.		0.1	2	1/2	30.19	62	61	60	58	b.c.	eir.	6	
	0			99. 2 W.	Quarable	0-1	0	0	30.21		62	61	58			6	1
10		4		1	Calm	0	0	0	30.22			61	58			7	
Noon.	000	001		No steerageway	East.	1	0	0	30.23				,			6	

39.7 Dietau	a run by Fog.	
Course and distance	ce made good since preceding noon by observations, & 89 2 2	28 knots. tenths.
	(Latitude by D. R.	37 0 35 1 N. " 74 0 48 1 N. "
	Longitude by D. R.	74 0 48 194. "
Position at Noon:	Latitude by observations of O	37 . 30 . N. "
	Longitude by chronometer from Forenoon Observations of ©	
D. W	(Latitude by D. C. from Norm (Longitude by observation 0	37 033 1.00. "
Position at 8 A. M.	Longitude by observation 0	74049.21."
	(Latitude by Observation (Tunner) 4.36 9.9.	37 024 . N. "
Position at 8 P. M.	Latitude by Dhewatin (Lunner) 4.36 P.M. Longitude by	75021, 94. "
Current during th	e time, 5 knots tenths per hour, setting to the	nth.
	oass by Azimuth O observed at , ship's head	0 (
Deviation of the C	Compass by Azimuth O observed at , ship's head	o ' variation used, o
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the C	Compass by Azimuth O observed at , ship's head	o ' variation used, °
Water expended d	uring the preceding 24 hours,	450 gallons.
Water	during the preceding 24 hours,	
Water remaining	on hand fit for use at Noon,	2150 "
Coal consumed du	ring the preceding 24 hours,	tons 400 lbs.
Coal remaining on	hand at Noon,	119 " 70 "

P M				cha. A at					1								
1	1	0	Hoauled in	9.91.63.91. 14.9.91.	€. ₹. €.	2	0	0	30.18	65	64	63	60	b.c.m.	cir.cum.	5	8
2	2	0			9.96.	2	0	0	30.18	65	64	63	60		,	5	
				,,	9. by 6.	2	0							"		5	1
4	1	3	75.9	24. ly 8.	South	2.3	0	0	30.12	61	62	61	60			5	-
			83.2	el. 12 9.	,	3.4	7	1/2	30.12	63	63	62	61	"	stial.	6	
6	6	7	90.1	Obest.	9. by W.	5	y	1/2	30.12	63	63	62	61			7	40
						5	7	1/2	30.10	63	63	62	60			5	
8	2	00	96.8	96. ly 6.	9.9%.	4	1									5	
			1.9			4		2	30.08	62	62	61	60	b.c.m.b.g.	cum. mint.	2	"
		9		96.126.	8.94.	5.6								0.c.m. l.91.		0	gu.
11				\$6. by 6.	9	5.6								D. C. m. br. 9,.		0	.,
Mid.				96. 1/2 6.		5.6	4									0	4

Lieutenant W. F. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M.

Cloudy and miety. Itaalight workead. Balow to light airs from 6.96. Baromete steady. I who the following anudengs; at a Eclevi 26 fathome, gry and black aprecedured broken shell, at 40 close. 17 to fathome gry and back apreced and broken shells. At end of watch under jet for topmack stryail foreail and during the topically heading to by I. having book attenuagency. Come II. Appendices at which I so me aging depth curder in sounding. n. J. Colman

Oum & to 8 a. m.

rs. Euroja U.S.W. Cloudy, damp and hazy awand horizon. Calon and light air from 94. Conce 94 (pc). To exeraginary first how ab to me the wine ship and shorte neight and to topalle and est topallant sail & Ferral sail in eight. Est each of lead in 1814 fatherer water at 60 class, bottom grey sand with black effecter and at 80 class in 26 to fatherer bottom brown sand with booker shill litered of watch chip by the wind on starbard tack under all plain sail to topgellant carle and for topmast staypail everyt me very in manifeld and the spanker. Appendiced at the wheel. The smooth. Will aperton

From 8 a. M. to Meri

Light variable aire and calme. Fair and pleasant. Smooth are at 850 changed corner to 89. by 94. Elegate flying jet main and ruggen topmail stayants manical and spanker at 8.55. Nor chip literen 11.00 and 11.15 and tork in man made muggen topmail angular raminal and spanker. It sets of match a corner Flo ly be, under for topmach etapaal and plain sail to negate exapt manical and spanker. Fighted execut result and evaluaged extense with the British Stame Ocargo Punce of Aucastle bound North, canthe British stame band Inthend an amain transmitteness band both, and 1200 get a cash of the lad with Thoman Fanding Madum in 38 fatherns, gray sand, black affects and broken shill. Appuritized the whill Inspected appurities bago. Temperature of magzine 73 forward, 71 - aft. Geo

ren news. to 4 1.10.

Sair, cludy and hazy. Eight to gratle burgs from 5.76. chifting stadily, to First At 12.3 changed once to 18.94. At 1.15 art main and ruyges toquast stagails and main topails and at 3.38 art expanses. A number of anising creater in significant during watch. At less the winds on year track under all and appointers at the while, At 3.30 year over patters buy and water all and presented and the while, At 3.30 year over patters buy Quan Merid. to 4 P.M reading 75.9. Hodgowey tr. Laylor

From 4 to 8 P.M.

Jusign W. J. M. Cloudy and miety. Nortunate to stiff been varying from South to ISN. This under all each sough flying jet limited down at 5 40, by the wind on footh treet until 7.18, when called all hands, were chip, took in topgellant each engle end royals, main rand miggio topman stugmals and mine typical; took two enight ends brought the chip by the words on the starband treek. I make at a so in 212 fatherer, bottom light gay and black specke: at 6.30 in 1312 fatherer, bottom crave passed, and at 700 in 13 follows light gray cand. appendicio at the wheel a member of sailing vielle and etransic in sight during watch

Koger Willes fr. Enugh W. F. M. From 8 P.M. to Mid. Orward and appelly lighting around the longer Perductive freel breeze from IIV. to 90h. to 90h. Baroniter felling. At 10.15 tooks in maintail and appealer at end of watch under fil, for togenest stayonit, foreail and and with supplet topsails heading \$6 1/2 6 with below hard down. Appendice at the wheel. Twidewate sea from I. I. n. J. boleman

Gusign W. & M.

Examined and found to be correct.

J. B. Melton . Navigator. Lieuten and M. S. M.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Charleston, F.C. to Yorktown, Va.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	39	5-			-								,				
1	2	6	11.0	8.6.126.	FU.	5.6	4	2	30.03	62	62	61	60	O.c.g. p.l.	minib.	0	M
2	1	2	12.2	96. by 6.	9.99.	5.3	2	2	30.04	62	62	61	60	0.0.9.	cum rinit	0	
3	1	0	12.9	98. 6.3/46.	,	3-4	2	2	30.02	62	62	61	60	0.0.9.6.	,	0	"
4	1	0	13.5	6.96.		3.4	2	2	30.02	62	62	61	60	b.c.a.	"	2	
5	,	6	15.2	98.6.6.3/46.		3.4	2	2	30.02	61				b.c.m.w.	neint.	2	,,
6	,	3	16.5	96:12 9.	99. h. a.	3	2	2	30.05	61		60	58	bons		2	
7	3	0	19.1	96.3/4 9.	391.	3	3	1	30.08	60		59	56			1	
8	3	7	22.8	96.126.	9.9%	3	3	1	30.05		59	57	1			1	
9	4	0	28.8	04. 1 94:12 94.	991. ly 9.	3-4	3	1/2	30.05		. ,	1		. ,		1	-
10	6	0	34.8			4	4		30.05				59			,	
11	4	7	39.5	Oh. 14 F.	9. by 04.	4	5							b.o.m.p.		2	
Noon.	4	5	44.0	1	1	4	5		30.05					0		2	1

74. 1 Dista	was new by Log.						
	e made good since preceding noon by observat	ions, \$50° 94.	20 knots.	ten	ths.		
	Latitude by D. R.		37 0 19	'N. "			
D. 1.1 W	Longitude by D. R.		75 0 18	· 04. "			
Position at Noon:	Latitude by observations of O		37 0 17	· N. "			
	Longitude by chronometer from Forenoon O	bservations of O	75 0 07	194. "			
D	(Latitude by D. R. from Noon		37019				
Position at 8 A. M.	Latitude by D. H. from Store Longitude by observation 0		74044	12. "			
	Latitude by D. R. from 4 99 49.91. Longitude by Skanning	position field by	74° 44 37° 14	· W. "			
Position at 8 P. M.	Longitude by Strang	of Horg Seland Light Home	750 14	194. "			
Current during the	time, 8 knots tenths per hour, se	tting to the East.					
Error of the Comp	ass by Azimuth ⊙ observed at , ship	s head	0	,			
Deviation of the Co	ompass by Azimuth © observed at ,	hip's head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth O observed at , ship	s head	0	, ,,			
Deviation of the Co	ompass by Azimuth © observed at , s	hip's head	0	,	variation used,	0	
Water expended du	ring the preceding 24 hours,		4.0	o gallo	ons.		
Water	during the preceding 24 hours,						
Water remaining o	n hand fit for use at Noon,		175	0 "			
Coal consumed dur	ing the preceding 24 hours,		tons 4	00 lb	s.		
Coal remaining on	hand at Noon,		118 " 19	10 "			

P. M.																	
1	5	5	49.5	04.3/4 9.	Firsth	4	6	1/2	30.05	63	64	63	60	b.c. m.	cir. cum.	4	0
2	4	7	54.2	Steet.	S. by W.	4	7	1/2	30.04	64	65	63	60	0.c.m.	eum. wint	0	
3	6	0	60.2	94.3/4 1.	S. G.W.	4	7	1/2	30.02	65	65	63	61	,	,	0	
4	5	3	65.5	94:12 St.		4		1/2	30.00	65	65	63	61		eia-	0	
5	3	5	69.0	96. by 6.126.	9. h 94.	4	7										
6	4	7	73.7	8.96.	F. G. W.	4	7	1								7	6
			77.7	"		4-5-	7										
			81.8			4-6	7							b.m.		10	
9	3	5	86.1	"		5.6	7							f.c.l.w.	etial.	9	0
10	3	3	89.3	de"		5.6								,		9	I.
11	2,	8	89.3 92.1 93.9 95.9	86. by 6. 3/4 6		5.6											
Mid.	00	8	93.9	10 orth		5-6										9	

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Christiate was from Fib. and Mrs. Field to feel breeze in aqually from F. M.; moderating to quite breeze in high aqually from F. M.; moderating to quite breeze in high aqually and bracking to F. Fib. Comment of Mrs. Fibig by the winds to strailward tack under jet for topmand strayout, doubte exploit topsails and formit Caponities at the while.

Which writers. W. Maperton.

Chimi H to 8 a. M

Mc Lieitenanh D. J. N. Products to gettle been in the by I to 9. 9. Study damp and the strong Water and from I and the Between boo and been made plain each to top gallant souly wrope a enight of in the manusal at y so set expels, figure for and, main and require topmark tempole Tighte tue towns and the sheet matter Silver of film the Corner of the the Corner of the Corner at 8 00 took a counding in 39/2 fathering, dark gray sound. appointed at the whal.

The Linterant W. J. W. Cloudy and damp Light spite of rain, Charing towards close. Gentle to moderate beesge from 3% by 3 and F. by & Fighted tin stances during watch standing to Fite and Old. At 9.30 musticed at 73° forward y1: aft. Mouleonery W. Land

Jum Merid. to 4 P.M.

Occare and mity Fordust buy from Fitch to 3.9 % Baroneter falling Pender all free much to topgelland early by the word on the for tack. Oh! 15 set and oh 3.55 hould down main and magnet topment stay and Oh 3.55 attempted to tack ship, failed, then was ship and brought her by the unid on the stackard tack and beading 6.36. At 3.00 eighted land two sprints on less bor, making it at as Forg Island. If 400 forg Island high last of 4.0 her forg Island in 1412 fathous brown from you sand black specks; at 3.30 in 11 fathous brown shell and 4400 in 10 fathous, fine gay rand. Appendix at the whal. O member of colorest in eight during watch.

From 4 to 8 P.M.

Oroger Welles, Ja. Cloudy and mixty. Genderate to freel breeze from F. F. B. Bainester variable. A 60 clock took in toppelland sails and double regul tryester. A sud of watch under git, for togenard stayeard, foreard, single cufed manuacit, expander and double refer toppeals, heading E. F. with below down appreciation at which Moderate see from F. F. D.

Oum 8 P.m. to mid Clear, dang, cool and planab. Tightning to the N. Fift to feel breger from I. F. D. Corner (4.90) (200) at 8.30 took in manifest and spector. Ting entil from Id. and Ital. At 18.30 were ship. At end of watch under double negled toperale, forestell, fit and for toperale stayeard on part tack: get announce will so in 24 fathere water form gray early with back agreets. Appentice at the wheel.

W.B. Caperton Lieutenant M. & W.

Coleman

Examined and found to be correct.

J. B. Meilton Navigator. Leitenant W. & W.

Third Rate,

ne UNITED STATES This Essex & Making passage from Charleston, Fl. to Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	50	5-															
1	4	0	99.9	Oh:14 St.	Slag W.	6	7	1/2	29.92	61	61	60	59	b.c.l.w.	cum.	6	C.+ K
2	3	6	3.5		. "	6	7	11/2	29.94	62	61	60	59	,		8	
3	3	1	6.6	"		6	7	11/2	29.94	63	61	60	59			7	"
4	3	3	9.9	"		6	6	1./2	29.95	63	61	60	59	b.c.w.		7	
5	3	5	13.6	O1. by N.	9.9.9.	6	5-	11/2	29.95	-62	62	61	59	"	cum stra	16	mrt
6	4	0	17.6	0		6.7	5-	11/2	29.96	62	62	61	59		"	6	.,
7	4	5-	22.1	Ot. A O4. 1/2 O4.	901. by 9.	6.7	6	11/2	29.96	63	63	62	59	b.c.m.	cir.cum.	7	
8	3	3	25.4	Q1. A V4.	0	6	6	11/2	30.01	61	62	61	57			7	
9	2	00	28.0	9.96.	991. by 01.	4	6	2	30.06	62	62	61	57	"		8	
10	0	7	28.7			4	3	3	30.08	64	62	60	58	b.m	none	10	鬼
11	0	5	28.8	9.6.6.	Q1. \$94.	3	3	3	30.09	64	62	60	2.8			10	
Noon.	0	5	28.8	9.9€	£94.	3	3		30.02					b.e.m.	cir.cum	9	-

84. 5 Distaure new by Patrul Sig. Course and distance made good since preceding noon by observations, J 36º 94. 16 knots. 37 ° 23 'A. " Latitude by D. R. 75 0 37 . 84 . " Longitude by D. R. Position at Noon: Latitude by observations of O 37 0 30 ' N. " 75 0 24 '04. " Longitude by chronometer from Forenoon Observations of O Latitude by D. R. furn Now 37 031 1.11. " Longitude by observature o 750,20 194. " Position at 8 P. M. { Latitude by Beaungo of Hozeland Light, and Longitude by Gaper Charles Light 3702311." 75027 104. " Current during the time, 15 knots tenths per hour, setting to the 1666. Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth O observed at , ship's head , ship's head Deviation of the Compass by Azimuth O observed at variation used, Water expended during the preceding 24 hours, 350 gallons during the preceding 24 hours, 1400 Water remaining on hand fit for use at Noon, tons 400 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 118 " 1510

P. M.															tit. cum.		
1	2	5-	30.3	9.96.	9 91. ly 94.	3	5	3/4	30.02	66	66	68	59	b.c.m.	etvab.	9	9
2	-3	7	34.0	9.96.126.	. 0	3	5	1/2	30.02	66	67	64	61			9	
3			35.0	96. h. 9.	994.	3.2	5-	1/2	30.02	66	67	64	61			8	-
4	2	7	36.0	FE. Ly F.	9.9%.	2	3	./2	30.02	66	64	64	61		,	8	
5	4	5	45.2	Oh. 12 N.	Fly Or.	3	5	3/4	3002	66	67	65	62		-	8	
6	4	6	47.8	Q1.14 f.	0	3	5	3/4	30.02	66	67	65-	62			6	
7	2	7	50.5	9.9.9.0/404.	9 ly 6.	2-3	2	3/4	30.03	66	66	64	62			8	,
8	0	723	51.7			2	0	1/2	30.04	65	65	63	61	4		9	. "
9	0	4	52.1	F.O. by 9.		2.3	0	0	30.03	65	65	63	61			9	
			57.4	. 1		2-3	0	0	30.03	62	62	61	60	b.cm.w.	am aint.	9	
11	6	4	63.8			2.3	0	0	30.02	62	6z	61	60)		6	
Mid.	5	8	69.6	F. 904.	-	2.3	0	0	30.01	62	62	61	60			7	
																*	

Eurign W. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to H a. m.

Fresh breeze from I. by W. Fair and damp. Bright starlight. Lightning to slid and Old . Choppy sea. Blow balled on food tack, under jet, for topmark stayeall, foreall and will nefed topsails. Inghted a stainer standing to the I'd and Old at 3.30. Apprentice at the side of the I'd and Old at 3.30. Apprentice at the

Geo. Roe

Oum 4 to 8 a.m.

Fair and damp. Priot, around borizon. Fresh beezes from F. IV. and F V. by J. at 4 30 set maineail; at 6.50 hauled down jet. Fighted a sail to NN. standing to Wd. At 4 30 took coundings. getting 18 forthone five gray sand; at 6.00 got 17 12 forthone, five gray sand rand at 7.30 got 14 16 fething five gray sand. At close by the wind on jard track under for topmach stayears, double reefed topeacle and conserve with a single ref in the manuscial appendices at the wheel.

Worldgowery W. Taylar

Our 8 a. On. to Merid.

Elean and pleasant moderate to quette breeze from OH 99 to 99. 209. 200 musleed at quarteer . Own 945 to 1045 dilled at exfrig toquale, taking eight resp. carriage bring passed by apprentices From 1045 to 11.45 the Piish batch had instruction in saile and speech and the Ternel Watch in marketypite secumentage, sailmaking and compare at 9.30 won ship and brought her by the world on the starband track. At 10.00 set agrander. Geneal steamber passed during untel appentices at while Inuded at 1200 in 14 % fathone water at 9.15 the & F. F. & envire was eighted standing up the coast, exchanged munher with her and made agred havy body to 25 43 which was answered by & enume with Noss 83. deseperative of magazine 70° forward, 68° aft.

Orom Merid to 4 9.90

Roger Welles In, Crow Merid to 449.

A 12.15 American Stramer, Acute to high bury from F.M. to F. De Barrenter strady. At 12.20 made all planing sails to regule. At 12.15 American Framer, Allephany present under stress of this chip, by harling her, requested her to report use in Profesh. A 8.38 were ship from hadring & 98 and came to so fort tack heading M. by b., patenthey radding 36.

At 12.35 changed course to F.M. by F. Fernal sails in eight description with Appendicus at the indust. At end of writes under all plane casts to require hading M. by b. Bower F.M. by F. Domis to 2.15 the 2-4 writes were instructed in each and express and the 2th writes in malinespite examinating acide congress from 2.30 to 3.30, 24 and 3th metale, had aiming diets: from 3.36 to 3.30, 24 and 3th metale, had aiming diets: from 3.36 to 3.30, 24 and 3th metale. 2nd water below lead and log: 3rd water gymnastics. Our 4 to 8 G. M.

Elean, cook and damp. Buight starlight rand morelight. Itselfer to light breyer from I by the berleing to I by E. A 4.15 britted anothe strick, shoot wefer not of, and fulled, manical and started frew under botten by E and S at 60 class took in light early and fulled them at 6.30 took in and fulled the foresil and hanted draw and stand for topmant stayers at 7 30 how to with main topsail about and empled the propellor at 7.40 sighted to 7 Seband Light braining (many 9 1. 45 1). much get cast of lead in 12 fathone water Brased main topsail around at 7.45 and took in and full for topsail . At 7.50 eighted Bape Brailer Light braining (many) \$94 by 96 14 96. At end of water ship by the world on york track under jet, main topsail and expector. Agreement at the while.

MAD Cod 05. Town

Light to gette bree; from Fly E. Fair word and damp Bright starlight. Guerth sea At 8 vourus ahead with the engine, exting crosses I be g. few Gaudaid Did new putur leg at same time reading 51.7. Love we main togethe at 8.55 and it and expended at 920. At 92. Bog Saland Light was a kan (196 by 96) and begur Charles light bor (4 c) 39. by 16. by 16. be chepi head As by 9. patent by 56 3. at 10. 25 story Saland Light bor Algh. expertent by to 9 Led For Johns Egd at 1100 learing to 16 th. at 1100 eighted begar Charles Eightship, brazing night ahead Fil by I let eams time changed concerts of Commending Officer, to I S. M. per Gaudad, yetted by 6.18. Eighted served eteaners are not actioned during which is absented under atian alme, on concer of 904. at 12.00 baper Charles Light borr (p.) Oh. h. st. and the Light Ship, Ath by 91. h. St. Physic head & 90. average steam 53 lbs., revolutione 39.

Geo. R. Cearly Re Lieitenant Dr. H. M.

LOG of the UNITED STATES Thip Essex Phil Rate, Making passage from Charleston, The to, and at auchor in the York Pinx off York trum Na.

	0 0		V 0						1		-	-		000		-	-
			Reading	COURSES STEERED	WIND.				BAROMI	ETER.		PERAT		State of	Forms of	Clean 10ths.	he Ses
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		,	~	S. 94.													
1	3	1,	70.8	91.9.94	9 9V.	3	0	0	30.01	62	64	62	58	b.c.m.	cum. servit	7	8
2	6	4	82.2			3	0	0	30.01	62	64	62	59			7	
3	0 2	79	88.8	White No.		3	0	0	30.01	64	64	63	59	,,	,	7	
4	6	8	95.6	Varior Courses.		3	0	0	30.01	64	64	63	60		,	7	.,
5	52	1	1.8	J. N. 94.		3	0	0	30.01	66	65	64	63		cir. cum	5-	
6	7	4	10.2			3	0	0	30.03	67	66	64	64			4	,
7	2	8	13.0	York "River Various Courses.		3	0	0	30.07	69	67	65	63		"	6	"
8	_	_	_			3	0	0	30.06	71	69	66	63	b.c.		8	,
9	5-	0	_	Thejes head		3			30.05	73	72	67	64		,	8	
9 9.41 10	Qual	and.	off york			2-3			30.05	74	74	68	64			8	
11			88 9	9.96.	9.99.	2.3			30.05		76	69	65		cir	7	
Noon.				f. f. v.		2-3			30.05			70	65			7	

92. 5 Dietaux	e and by Log.					
	e made good since preceding noon by observations,	knots.	tenths.			
	(Latitude by D. R.	0	, "			
	Longitude by D. R.	0	, ,,			
Position at Noon:	Latitude by observations of ②	•	, ,,			
	Longitude by chronometer from Forenoon Observations	of O o	, ,,			
	(Latitude by	0	, ,,			
Position at 8 A. M.	Longitude by	.0	, ,,			
	(Latitude by		, ,,			
Position at 8 P. M.	Longitude by	0	, ,			
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth O observed at , ship's head	•	,			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	, vari	ation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	, ,,			
Deviation of the C	ompass by Azimuth O observed at , ship's head	•	, vari	ation used,	0	
Water expended du	aring the preceding 24 hours,	400	gallons.			
Water .	during the preceding 24 hours,					
Water remaining o	n hand fit for use at Noon,	100	0 "			
Coal consumed dur	ring the preceding 24 hours,	y tons /2	20 lbs.			
Coal remaining on	hand at Noon,	7 tons /2	90 "			
			,			

P. M.												
1	Jida	464	neul	Chest	04.904.	2.3	30.05-80	78	72	b.o.	cir.cum.	7
2				Q1 194.		2.3	30.02 80	78	72			7
3					1	2.3	30.01 80	78	72			6
4						2-3	29.98 82	80	74			2
5	1	0	Ebb.	NO. by 04.	N8.	2.3	29.98 78	79	74	b.c.p.	cum suit	3
6	1	2		. ,		2	29.98 79	79	75	b.c.	cir. cum.	5
7	0	6			West.	1-2	29.99 7.9			,		6
8	0	4		J. J.E.		3	29.99 78					7
9	0	2	Blood	£6.		3	30.01 76	1.		b.c.l.	cum minib	7
10	0	6				3	30.02 76			" I WILL THE		8
11	0	8	-			3	30.03 76		/			8
Mid.	0	6				2	30.03 74					7

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a. M

Dair and damp. Senth breeze from Feb. at 12. 30 Eager Charles Cight ship braning Noth by the changed correct to Fr. by th. at 12.42 eighted Eager Every Sight braning N. Fr. 14. 14. and changed correct to M. Fr. at 2. 32 Caper Charles brown proud and changed correct to the st. Freeze correct to the st. of the superior correct to the super Separthenry Eight white at 2.50 lot Engle & caucer augus - The Separthenry Eight box & E. by E. at Law began themy Eight box & E. by E. Wondermany the heary learn begurberry light white at 200 lost bego b halle Light ship . Under stram alow, array revolutions 40, stram greeness of the.

Oum 4 to 8 a. M

Eusign U. J. N. Cloudy but pleasant. Gentle breeze from FM. Barometer rising at legiuning of watch begue Huny Light bro astern 9.96. This overing 4.44 up Chesapeade Bay. At 4.45 changed conce to 1.4. by N. heading for York Kirie Light honce which was sighted about 5 10. At 6.15 enuded black bury Isa to pass between this bury and you kin Light house, heading 4 9h. by 3h 16 3h, when at 6.20 the ship trubed bottom any lightly; rang one hall, than two, and basted the ship full expect state in her head going off to 9.5%, but the stew remained agrand. Itizzand the engine lowered the second cutter and carried air a hedge acceler as a greece ways from the good bow, right alram. How in the green ways, brited head earle and wint ahead full exceed as enginee, when the ship at 7.18 would off into deep water to the Exeterate of broyches. Iwould the whatebook the chargeter taking charge and found deep water alread and no the part into and return. From the head on brand ship the heat water obtained was 15 fact, the ship techniq bottom only in one export under the heel frest about the sugme. How up hedge under horsted brote and started up for here, the Commanding Officer coming abile at 7.50 The Commanding Officer and Naugater sees both in the budge when the abile tracked Resolutionie 44. Fteam pressure 60 lbs.

Guigo U. G. W. O rome 8 a. m. to merid Cloudy and watch, standing up york River endle breeze from FE. to 9. F. 9. Bacometer stady. During frish bonn of watch, standing up york River endle count of Evancanding Officer. At 9.18 called all hands bring slup to auchor and at 9.48 came to by port auchor off Yorktown in 9 fathome water with 45 fathome chain. Drought of chip forward 13 feel, 6 wicker much aft 16 feel or wicker. Bearings (margintic) modelle of what yorktown 0.9 Ch. 14 Ch. middle of what I brucker Front of the 12 for and york 15 Th. Ot 8.45 and about acid lovered to much find of early and made puparatives for coming to auchor. At 10.30 hiritid not esteam launch and got up stand in her allowed free to the die who in believe to and D. Communical distilling with bruked him when Orders and made in the total or the standard of the 16 of the parative of many the bound of the solver of the said D. Communical distilling with bruked him when Orders and made the said the said of the said D. Communical distilling with bruked frier under lines & Temperature of magazine 74° forward, 72° aft.

Mr. J. Coleman . S. M. Merid. to 4 P.M. Elean to cloudy and warm Light to gentle buryer from It Feb. Ridning to the elst tide I settling with five banked under boiler of. X Daperton

From 4 to 8 4.90

Light air to gutle breeze from NE and Heek. Partly cloudy and warm Rain choworfwith bom. Ell tide until 7 30 when logan to every to flow how to guarter at 600 and second one clear homeonic. Exchanged salute with the network brush steamer alleghang. Distilling with free banked under briler a. the Gomman Core) was their day dividuaged from the chand Fairer, by reason of experiation of term of entitioned

Re Luitenant Q. F. Q. From 8 F.m. to Mid Orm 8 9.90 to 10 Turney to flow at 80 clock.

Examined and found to be correct. Tutillaing with five banked under boiler of Moretgomery in European & Examined and found to be correct. Tutillaing with five banked under boiler of Moretgomery in European & Examined and found to be correct. Tutillaing with five banked under boiler of Moretgomery in European & The Examined & The Navigator.

J. B. Mo illen Navigator.

Koger Welles In

Thurd Rate,

LOG of the UNITED STATES Thip Essex We auchor in the York aur off Yorktown, Va

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Die	bal	burners														
1	0	2	Ebb.	Oh. N. Oh.	Ofest	2			30.04	74	74	71		b.c.b.w.	cum numil	. 8	
2	1	0		N 94.	194.	2.3			30.05							3	
3	1	2	-	,,	I orth	3			30.06	72	72	69		"	cum etist.	8	
4	1	0				3			30.09	68	67	62				9	
5	1	2			A by 6.	3			30.15	67	64	64		b.c.	cir etat	7	
6	1	1	-	N OH. by O.		3			30.16	66	65	60		*	cir. eum	6	
7	0	6		N. Oh		3			30.17	67	66	60				5	
8	0	2		So by Ob.		3			30.21	68	67	60			1	7	100
9	91	lack		N. N. E.	N. N. E.	3			30.25	69	68	60		-	strat.	7	
10	0	2	Blood	6.16.	JV €.	3			30.25	71	70	61				7	- 12
11	0	5		6. by Jr.	6. by 1.	3			30.25	71	71	63				9	
Noon.	0	6		€. 9. €.	6.96.	3			30.25	71	71	63			-	9	

Course and distan	ce made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 / "	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ⊙	0 / //	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / "	
	(Latitude by	0 / //	
Position at 8 A. M	Longitude by	0 / "	
	(Latitude by	0 / "	
Position at 8 P. M	Latitude by Longitude by	0 , "	
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	-
Error of the Comp	pass by Azimuth O observed at , ship's head	0 / //	
Deviation of the (Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	
Water expended d	uring the preceding 24 hours,	4 50 gallons.	
Water disti	flad, during the preceding 24 hours,	950 "	
	on hand fit for use at Noon,	14 60 "	
Coal consumed du	ring the preceding 24 hours,	/ tons /5 20 lbs.	
Coal remaining on	hand at Noon,	109 " 1010 "	

P. M.													
1	0	4	Flood	6. 9E.	6.96.	3	30.26	70	70	62	b.c.	cir.cum.	9
2	0	1		E. by 9.	6. by 9.	3	30.26	71	71	62		-	9
3	9	ving	ing	Ox. Sex.	8.46.	3	30.26					-	9
4	0	10	Est.	No.		2	30.26					cir.	9
5	1	0		4.	East.	2	30.24	76	73	65		cir. strat	
6	1	2				2	. 30.24						9
7	1	0		"		2	30.26	69	70	66			7
8	1	0	"	16. by 6.		2	30.28	68	69	65			6
9	9	lack		98.		2	30.28	68	68	64	b	none	10
10	0	3	Blood	8.9.6		2	30.28	65	66	62	"		10
11	1	2	"			2	30.28	64	64	61	b.c.	cur.strat.	9
Mid.	1	2	5. 44	96. ly &		2	30.28	63	63	60		"	9
				1									

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. m Elean and pleasant. Light to gentle been from West to Worth. Riding to abl tide. Distilling with banked free in brile a. Roger Gellis Jr. Ensign U & M.

From 4 to 8 a Mr. Bleav and pleasant. Gentle been from N by E. B arometer using Dictilling with banked frie under bother +.

n. I. Col m. an

From 8 a. M. to Merid.

blear and pleasant. Gentle breezes from I. N.E. overing to E. by I. and last hour to E.F.E. At 9. a. M. planted target 1000 yards abram of chip, and etationed observer 1000 yards at right augus to target to the following five and at 10.30 communed target practice with the botomings and February B. A. bune in forcattle, expended 38. 6 pdv. fixed aumunition, by first division duling watch. The following named apprentices 3th class were declared describes from the date opposite their names: Eugene and S. L. Berne from Epul 14, 1894; E. B. black b. at Gill and E. Rellame from april 15, 1894; A. borgen from april 16, 1844 and From April 10 (Norm from april 19, 1894.

Plack with at 90 clock and 9. 30 surving to the flood tide. Distilling with banked free under briter it. Ormenature of magazine 71° forward 71° all. Dempuature of magazine 71° forward, 71° aft.

> W.B.Caperton Eleutewant W. J. M.

From Merid to 4 P.M. Levely breeze from E. 96 and E. by I blear and pleasant. Began everiging to elt at 2.30 and finished at 3.45. Continued target practice with exceeding battery using both Dhego Icherder 6 pdr. gunt the starband Kotchkin 6 pdr., and both Kotchkin 1 pdre. Range and observer as in preceding watch. Timehed quartice for the day at 4.00. At 100 went to quarter and turned we clean hammore. Distilling with fire backed under briler of.

Que Rocal Qué S. M. S. M.

Oum 4 to 8 P. M.

Elian and pleasant Fight been from East Traped target practice at 400 and brought in target Few boys in evenining at enudous sent down light raids and unlink light sails. Ask Paymarter Elicke returned from Norfer with 5000 N. F. Eurleucy for ship Distilling with free banked under briter it.

Hostopmeny In Hayland Ensign a S. or From 8 9 M. to Mile. Clear and pleasant. Light breeze from Each. Barometer steady. This evering to flood at 9.00. Distilling with banked free in bother A. Roger Welles for Roger Welles fr. Energy Qu. B. N.

Examined and found to be correct.

J. B. Mi chton, Navigator. Leutenant U. J. N.

LOG of the UNITED STATES Thip Essex Third Rate, anchor in the York and off Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al C	surrent														
1	0	2	Flord	96. by 6.	East.	0-1			30.29	62	62	59		b.	none	10	
2	0	0	Juning	nig to Ell.	balm.	0			30.29	62	62	59			"	10	-
3	0	1	Ebt.	1 19.		0			30.29	62	62	59			"	10	
4	0	6		"	,	0			30.29	62	62	59				10	
5	0	9		Of. J. Ot.		0			30.31	62	61	59		b.c.	cir . otras	7	
6	1	3	"	A Q1. by Q4.		0			30.34	62	62	60				8	
7	1	1		C4. A W.		0			30.36	61	63	61		,	strak.	9	
8	0	8				0			30.36	63	63	62				9	
9	0	5		N 94.		0			30.40	68	67	64		b.c.m.		9	
10	0	2	Flord	96.	Gast	2			30.42	68	70	64				9	
11	0	4				2-3			30.42	70	72	68		b.m.	none	10	
Noon.	0	8		96. ly 6.		3			30.42	70	75	68				10	1

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	•	, ,,
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of O	•	, ,,
	Longitude by chronometer from Forenoon Observations of ②	0	, "
	(Latitude by	•	, "
Position at 8 A. M	Longitude by		, "
	(Latitude by	0	, ,
Position at 8 P. M.	Longitude by	•	, ,
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	oass by Azimuth @ observed at , ship's head	0	•
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	. 0	variation used,
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0	, ,,
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0	variation used,
Water expended d	uring the preceding 24 hours,	50	o gallons.
Water distil	led during the preceding 24 hours,	110	0 "
Water remaining	on hand fit for use at Noon,	205	-0 "
Coal consumed du	ring the preceding 24 hours,	/ tons 20	
Coal remaining on	hand at Noon	107 " 117	/n "

. M.													
1	0	5-	Blood	6. 96.	East.	3	30.43	71	73	66	b. m.	none.	10
2	0	5		9.96.126.		3	30.43	71	71	65			10
3	9.	back		9. ly 6.		3	30.39					,	10
4				N &.		3	30.39	75	71	63			10
5	3	ring	ing			3	30.40	74	74	63			10
6	0	2	Ell.	21. by No.	6.96.	3	30.40	85	74	66			10
7	0	2		NOW. by Oh.	98 ly 6.	2.3	30.40	70	70	65			10
8	0	3				2	30.40	68	68	63			10
9	0	2		ON. N. W.		2	30.39	67	67	62	-		10
10	0	1	Flord	96		2	30.39						10
11	0	7	-	,		2	30.39		4 .				10
lid.	1	2		6.96.		2	30.39						10

, U. S. Navy,

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a. M. Leav and pleasant. Ftailight. Calm to light airs from East. Barometer steady. Banked fire under boler A. Distilling.

7. I boloman. Ensign Ch. J. M.

From 4 to 8 a.m.

Clear calm and warm. At 7.15 cround topgallant yards Distilling with banked fire under boler A. Baronter very slowly Received in Dept. of Fuggless and accounte 73 lbs bread, 9.14 lbs. feels bref, and 9.14 lbs. of wegstables for issue to ships crew.

W. Dlaperton 480 Lieutenant Ch. J. M.

From 8 a. M. to Merid.

Calm first home, light to gentle breeze from East, during renameles of watch Charand pleasant. I do tuned flood at 9.30. Soutened target practice with 4 mich & 3 year using the port often gun and the standard forward year. Also first four whose with the post Diegos Cherden 6 pds. Range of target 1500 yards Observing fall of short from main top and from boat 1500 yards to the right of target Fried in 61 child from each of the 4 mich gure mentioned above Carned at hidge anchor and ranged ship broadened on to target. Other, E. Shay (Jailor) uported the experience of his term of enlictment and accordingly was this day howally discharged from the Ravel Frice. a. & naturalloss? left the slip or two days leave. Distilling with file banked under boiler A. Dengerster of magazine 71 - forward, 710 aft.

gen Receive Du & Nr.

Our Merid to 4 9.90.

bleav and pleasant. Tentle breeze from Each. At 100 get spring on cable and word to 75 fatherne on pot chain, and started in with pot battery using the pot it used to Fryum and pot 6 ppt. Hotchkies. A Barato, (Thirth) and J Black (Boloko) Refe chip on leave, the former till Faturday council at 6 boloko and the latter till Faturday. Dieteling with banked free render boiler A.

Montgonery M. Lengther Enign W. J. a.

Our 4 to 8 P. M.

bleav and pleasant. I sutle been from Each to 46 by 6. Baroneter steady boxtunied target practice fining on shote from the starboard after 4 nick your So. 48. However, bailing launch. I made target back to the chip auch limited it on board. Distilling with braked fire in boiler 4.

Roger Welle, Jr. Eurign W. J. N.

Own 8 P.M. to Mid.

Clear and pleasant. Light to gentle bury from \$6. by 6. Barometer steady. Dietilling with banked frie wider brief A.

n. J. Coleman . S. & S. Ensign W. & W.

Examined and found to be correct.

J. B. Millon Lieutenant U. S. D. LOG of the UNITED STATES Phip Essex Or anchor in the York Prior off Yorktown, Va.

Third Rate,

			Reading	V	WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Hear the.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.			Burnent	96. by 6.	E. 9E.	3			30.39	66	65	62		b.m.w.	Maro.	160	
	0	8	,	0	,	3			30.39					"		10	
			lack.	96.	,	1-2			30.39					0		10	
			&H.	I W. by W.	Calm	1-2			30.39					6.0.m.w.		9	
10000			"	7	98.	0-/			30.40	65	65	64				8	
				"	balm I.IE.	0-1			30.45					b.m.	none	10	
10000	1 0			Ok. by N.	F. 994.	2			30.45					V.O.MV.	cir. cum	8	
10	0	2		N. J. Ot.		2			30.46		1				-	8	1
Noon.		la	ck	96. by 6. 6.96.	16. ly 6. 6. 9 6.	3			30.46		1	,			cum.	8	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of Θ	0 /	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by		"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	"
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended di	aring the preceding 24 hours,	500) gallons.
Water distill	during the preceding 24 hours,	1110	*
Water remaining o	n hand fit for use at Noon,	2660) "
Coal consumed dur	ing the preceding 24 hours,	/ tons 20	00 lbs.
Coal remaining on	hand at Noon,	105 " 14	10 "

P. M.												
		0	Flord.	6.96.	6.96.	3	30.40 72	1 73	72	b.o.m.	cum	7
2	1	0			East.	3	30. 39 78					7
3	1	0				3	30.39 73			,		7
4	0	8				3	30.40 7.	3 75	73			8
5		Ila	ck.	96.		3	30.40 73	74	72			
6	0	4	OH.	West.	9.86.	3	30.40 73	73	71	,	cum minit	4
7	1	2		NOt.	N.NE.	3	30.40 7	2 72	72		"	4
8	1	2	,			3	30.44 72	72	72	0.c.l.	,	0
9	1	2	,	1. 04. by N.	6.96:	3	30.44 7	71	70			0
10	1	2				3	30.44 7	171	70	5.0.		0
11	00	Place	& Fur	eging		3	30.45 70					0
Mid.	0	1	Flord.	iging East	North	3.4	30.47 70			b.c.		4
								1				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer and until 4 a M.

Clear, cool and damp. Bright starlight. Flack water at 30 clock suring to the ell tide at 3 30 Distilling with banked fine well brief.

W. Kaperton , Lieutemant Ou & ON

Orum 4 to 8 a. M.

Calmy to light ani from 46 and 9.96. Clear and verm Riding to eld tide the steamer Darinte animal of 5.40 bound up the River Received on board in Pay Dept. 90 lbs. feels bound from board in Pay Dept. 90 lbs. feels bound on board in Pay Dept. 4.

Gene Ceart Ou. J. M.

Onom 8 a. On. to Merid.

Elean and pleasant barried ut hedge to equing to target, but could not commune till 10.30 when fired starbard battery rung midelip 4 with R. or law and the rev got grand to so father of chain to bring your to brave Principles great gun practice Distilling with banked fire under bales of Semperature of maggins 15: formand, 70° aft.

Morthyrucou la Lugler

Mortgonery h. Luylur Eneign W. & M.

Our Merid to 4 9 m.

Clear and pleasant. Sentle breys from 6. F. E. to East. Baronite falling Link bond New and Link 9. B. baguton left the ship or then and fire days bear rejectivity. Sent the first and seemed cutter and make sail for interestion from 2.30 to 3.30 Dittilling with banked from under baler it. Their rading to flow tide. Charles hiffen Eas left the ship on 48 hours leave.

Roger Welles Jr. Ensign M. F. M.

From # to \$ 9 M. Elmody and pleasant. Gentle buyer from East to I. F. Barometer steady. Duet and exemed cutter returned at 4 35- all word bryer to go in economically. Second at mostly money to loge. Distilling with banked free cunder boiler it.

7. I. Coloman

n. A. Coleman Enuge D. F. N.

From 6 to 8 P.M. Sentle bruze from N. N. 6. Practly cloudy first home, exceed with indications of rain last home. Sightning to Nie and Ed. This ending to able tide. Distilling with first bruked under botter of.

Gentewant Ou. S. N.

Dem 8 9. M. to Mid. Sentle to molerate breeze from 6. I. E. and North Lightning fiel home. at 9.35 stopped distelling and let free die met under briter A. Honfipmery the taylor Ensign Ob. L. M.

J. B. Me il tine, Navigator.

LOG of the UNITED STATES Thip Essex At anchor in the York Rin off Yorktown, Va

Third Rate,

			Pasilina		WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al c	urrent	0													
1	0	7	Plord	6.96.	· 6. 16.	3			30.47	70	68	68		b.c.w.	muil.	2	
2	1	0	-	East	N 6.	3-4			30.48	70	68	68		0.c. ev.	,,	0	
3	1	2		6. by 9.		3.4			30.48	70	68	68		0. c. v. l.t.		0	1
4	.1	0		,		3.4			30.48	70	68	68				0	
5		Fla	ck.	North	N by 6.	3			30.48	68	67	67		b.c.l.t.	"	1	100
6	0	8	EH.	N 24.	6.46.	3			30.50	67	66	66		0.0.	cum simb	0	
7	1	2		,	"	3			30.53	67	66	65			0	0	1
8	1	0			r	3			30.54	66	65	62		,	,	0	
9	1	0		1.19.		3			30.54	66	65	62		0.c.p.		0	100
10	1	0			-	3			30.55	66	65	63		"		0	
11	9	Place	h	N & . by &.		3			30.55	66	65	63		,		0	
Noon.				6.96.		3			30.55	68	65	63		0.0.		0	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 1 11
Longitude by D. R.	0 , "
Position at Noon: { Latitude by observations of ⊙	0 1 11
Longitude by chronometer from Forenoon Observations of O	0 , "
(Latitude by	0 "
Position at 8 A. M. Longitude by	0 / //
(Latitude by	0 / "
Position at 8 P. M. Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	7/0 gallons.
Water dutilled during the preceding 24 hours,	800 "
Water remaining on hand fit for use at Noon,	2750 "
Coal consumed during the preceding 24 hours,	tons /440 lbs.
Coal remaining on hand at Noon,	104 " 2210 "

i	Р. М.													
		0	2	Olord	96. 4 &	6. 9. 6.	3	30.55	66	65	63	b.c.	cir eum	6
	2	0	4		6.96.		3	30.54	66	65	63		,	6
	3	0	5				2	30.53	67	68	64			6
	4	0	5	~			2	30.53	68	69	65	4 .		7
	5		The	ick.	,		2	30.47	67	68	64			9
	6	0	9	EH.	6.16.		2	30.46	67	68	64	b.m.	none.	10
			0		104. by 04.		2	30.46	67	68	64	"	"	10
	8	1	0	4			3	30.46	67	68	64	"	,	10
	9	1	0		Of. N 04.		3	3046	67	65	64			10
	10	1	0	,,	Ox. by Ns.	*	3	30.46	66	65	63	b. c. m.	cum.	9
	11	0	8	,			23	30.46	65	64	62	b.m.	none	10
	Mid.	0	2		Okest.		2.3	30.44	65	64	62			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Moderate bruze from 6. No. 18 Baroneter strady.

Roger Welles Jr. Ensign W. SON.

Decem 4 to 8 a. M. D. Drucad and pleasant. Gentle been from Aby & to 6. M. E. B. avoneter vising. Reserved on braid the following feel provision golds much yells. brad, golds nystable.

N. Joliman Euryw W. J. N.

From 8 a. Mr. to Merid.

Sentle buy from 6. No. Orneast with passing naw shown first these hours partly cleaning last how. Philip swang to got trade at 10.30. J. I bordon Coal Rever) left the ship on leave with 8 9 m. Monday, May 14 to.

Demperature of magazine 71° forward, 70° aft.

Quantity Company of magazine 71° forward, 70° aft.

gen Rolland Oh. J. M.

From Merid to 4 P.M

Clear and voun. Sept to gutte been from 6. F.6. At 1.00 sent librity prity, men and boys ashow. Mate. Audum (B.A. 2.0) left ship on leave with 8 P.M. May 15. At 1.30 eith dingly ashow while of Bruem app 30) left book and attempted to deent, but was held by men and brought back to ship when he was placed in single some to avail trial by summary come martial by order of the Communiting Officer.

Morlyoury H. Laylor Eneign U. F. n.

Oum 4 to 6 PM

Clear and pleasurb. Light E. FEly. bueze. Barometer falling.

Roger Welles . Jr. Our Ensign M. S. W.

From 6 to 8 P. M.

Clear and plurant Light to gutte brey from 5.96. Barometer steady Shirty party of appenticis returned on brand. He leave of akune of a Martin (the Critic) was extended to Maday, Ray 14.

7. S. Griman

The Energy W. S. W.

Eight to guthe breef from 6 9 6. Clear and cool. Bright mornlight. Est tide.
By one of Commanding Officer P. 6. Herem laps 30) was confined at 8.00 in the cell we enight iron for eafer keeping, until all hands' to morror morning.

George Dealt . S. R.

Examined and found to be correct.

J. B. Me illow, Leitenaut Q. F. R. Navigator.

LOG of the UNITED STATES Phip Essex At auchor in the York River off Yorktown Va.

Third Rate,

			Reading		WIND.	00			BAROME	TER.	ТЕМЕ	PERAT	TURE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Tida	el t	surrent														
1	0	2	Flord	96.	6.98.	1			30.41	64	63	62		b.e.w.	cum	8	
2	0	9				1-2			30.40	64	63	62			-	8	199
3	0	8			"	1			30.39	63	63	62		0.c.f.w.	nint.	0	
4	0	8		96. by 9.	South	1			30.38	63	63	62		., 0		0	
5	9	Fla	ck	. 0	balm.	0			30.37	61	64	63		0.6.m.		0	
6	0	5	8bt.	N 94. by 94.		0			30.37					b.c.m.	cir.cum.	4	
7	0	7	"	04.121.	994.	2			30.38	66	66	65				4	
8	1	1				2			30.38	68	67	66		b.c.		5	
9	1	0	-		•	2			30.37	68	72	66				5	-
10	0	6				1-2			30.37	65	72	70				6	1
11	0	5				2			30.37	1						8	-
Noon.	0	2				2			30.36	78	76	72			-	8	
										-	-		100				1

Course and distant	ce made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	•	,	"		
Position at Noon:	Latitude by observations of ②	0	,	"		
	Longitude by chronometer from Forenoon Observations of ©	0	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Latitude by Longitude by	•	,	"		
	(Latitude by	•	,	"		
Position at 8 P. M.	Longitude by	o	,	"		
Current during th						
	pass by Azimuth ⊙ observed at , ship's head	0	,			
	Compass by Azimuth O observed at , ship's head	0	,	variation used,	0	
		0	,	"		
		0	,	variation used,	0	
		5.	00	gallons.		
	uring the preceding 24 hours,	0	00	ganons.		
Water	during the preceding 24 hours,					
Water remaining of	on hand fit for use at Noon,	22	50	"		
Coal consumed du	ring the preceding 24 hours,	tons	160	lbs.		
Coal remaining on	hand at Noon,	104."	125	0 "		

P. M.													
1	8	lash	Blood	Q1. 101.	N. N. 94.	2	30.33	78	77	72	b.c.	cir. eum.	7
2	0	6		96.	CH. N 94.	2	30.29	78	77	73		1.	7
3	0	6				2	30.27	78	77	73			7
4	0	8			Gast.	2.3	30.27	77	77	73			4
5		6		6.96.	6.96	2.3	30.26	75	76	43			8
6		Pla	ck	East		1-2	30.26	75	75	73		~	7
7		8	Ebb.	Q4. N. Q4.	balm.	0	30.26	76	76	74	- "		7
8	0	8		J 04.	46.	0-1	30.26	75	75	74			7
9	1	5		Of. A D4.		0-1	30.26	71	70	69		cum stul	9
10	1	5		,		0-1	30.26	71	70	69	b. m.	none	10
11	1	2			,	0-1	30.26	71	70	69	4		10
Mid.	1	0			North	0-1	30.25	69	69	69			10
											1		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a.m. Fair : clody and foggy last part. Very damp Light sie to light bruze from 6. 96. Modernay M. Fuylor Energy M. J. R.

Dinn 4 to 8 a. m. Misty and Jeaning Calma light I Hy breeze. Barmeter steady. Librity new returned no time. Received 72 lbs. bread, 90 lbs. frew croptables and John bref which yound inspection. Palaceed R. E. Benem (appse) from confinement in cell.

Roger Welles

Roger Welles Ja Enrigh V. F. N. Thom 8 a. M. to Merid Isenvally clear and pleasant. Fight air to light brey from FN. At 9.30 mustered crew at question after which the Commanding Officer inequated this and crew at 10.35 delivered specification of charge preferred by Commanding Officer of this versel against A. E. Renew app 3.4 clear to the account and he was them is employed when to await trial by Emmany Court Martial Temperature of magazine 72 found, 70° aft.

N. T. Coloman

Gen R. Centerrank O. & W.

From 4 to 69.90.

Dais and warm. Light aris to gettle breey from 6.96 Ridning to flow tide Leek brow in surmining.

Wirelumners the Land Aboutopriery Mr. Long Son Energy W. I. M.

From 6 to 8 P.M.

Chavand placent. Calme and light N. By air B aventer strady. The apprentice library sparty estimate Charles Guiffin Fea) returned from two days library.

Roger Weller, Jr.

Energy R. F. N.

From 8 P. M. to Mint.

Bleav and pleasent. Bright mornlight balow to light rain from NE.

n. J. Colsman

Jr. B. Moilling, Navigator. J Liviteural V. & Mr.

LOG of the UNITED STATES Thip Essex Third Rate, at anchor in the York River off Yorktown, Va.

			Panding		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of		Clear 10ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the Se
A. M.	Did	Val	Guneut														
1	9	Place	k	M. N.W.	Calm	0			36.24	68	69	67		b.m.	none	10	
2	0	3	Flord	9.96		0			30.24	68	69	67			"	10	+
3	0	8	-	8. by 9.	JUG.	2.3			30.24	68	68	65			"	10	
4	1	0		0		3.4			30.24	68	67	61		"	,,	10	
5	1	1		6. by N.	S.J. S.	4			30.30	68	67	59		b.c.	cum	8	
6	0	6	-	Gast.		3			30.31	66	66	59			"	9	
7	9.	lac	10	6. by N.		3			30.33	66	65	28				9	
8				Lunging		3			30.35	66	66	28			1,	9	
9	0	1	Ebb	1 94. ly N.		3			30.35	-66	66	5.8		b.m.	none	10	
10	0	3		1.1.94.	East	4			30.35	66	66	2.8				10	
11	0	7	1	N 84.		3.4			30.34	69	67	61				10	
Noon.	0	5				3			30.34	70	69	62		-		10	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.		
	Latitude by D. R.	•	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O	0	,	"		
	Longitude by chronometer from Forenoon Observations of ②	0	,	"		
	Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
		0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the						
	ass by Azimuth ⊙ observed at , ship's head	0	,			
	mpass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	
	ss by Azimuth ⊙ observed at , ship's head	0	,	"		
	mpass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
	ring the preceding 24 hours,	45	-0	gallons.		
	during the preceding 24 hours,					
Water		18	20			
	hand fit for use at Noon,			O Ibs.		
	ng the preceding 24 hours,	10 4 " 8		100.		
Coal remaining on l	and at Noon,	104 " 0	00			

P. M.		-									0		
1	0	8	Ebb	NO.	Gast	3	30.32	70	69	62	b.m.	none	10
2		Sla	ch	96. by 6.		3	30.28	69	69	62			10
3	0	5	Flord	6.98	6.96.	3	30.23	69	69	62			10
4	0	6				3	30.23						10
				96. ly 6.		3	30.19				bom	cir.eum	8
6	0	7				3	30.18	66	66	60			9
			ch	6.96.		3	30.18	65	65	59			9
8	0	2	Ebl.	9. g. q.		3	30.18	65	64	59	"		9
9		3	,	Q. N. W.	96	3	30.18			,	b.c.	cum.	2
10	0	9		,,		3	30.16				0.0.	am mint	0
	1	,				3	30.14				O.C. p.	nint	0
Mid.	1	1				2	30. 13						0

, U. S. Navy,

, 18 94.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

bleav and dange. Phip began swinging to flood tide at 1:30 and finished swinging at 1:50. Thom set at 2:10. Midnight to 4 a.m. George Leutenant D. F.M.

Jum 4 to 8 a. m.

bleav and cool. I suth to moderate breeze from N.E. and E. N.E. Al 800 looms sail and crossed royal guds. Flack water as 7.00 Received in Pay Dept. 72 lb. bread, 90 lbs. bref and 90 lbs. orgatable.

Absolutory 1912 Ministry Modfowery M. Trylor Eurige W. J. W.

Orm & a. M. to Merid

Swith to moderate breeze from N. N. N. to N. M. Blear and pleasant. Est tide.

Of 9.30 inspected at quarters From 9.30 to 10.30 gave the apprentice instruction in keeping accounts rough water prevaiting the victories of Term all brate. From 10.45 to 11.45, 14 watch had instruction in sails and egan, volunted in mailinequite examinably, virtualing and eigenly, and the 3th witch had agreement. I summary found Martial of which clink to the Belack M. J. W. Lay arms Muchin Energine

18. Heller and N. I belance N. F. M. we mention and Energy N. M. Jaylor, N. J. Recorder considered. 10.00 a. m. for the trial of both & Kenen app. sc.) and at 11.30 adjoined to await the action of the reviewing authority. at 11.45 fulled earl and expressed yards Temperature of surgegue 72 found 39: aft.

Oum Merid to 4 9. M

Generally clear run pleasant. Gentle breen from East to E. F.E. Barrenter falling. Had dulle as follows - from 1.15 to 3.30 fresh watch boat earling: 1.15 to 2.15, seemed watch gameny; think watch early e water setting up. Janu & Rozer (New Ittd) was paid off and dierhanded by order of Bureau of Rangetin brug aw winderwable person.

n. S. la Im an Eurige W. S. W. Orom 4 to 60. M

M. Gentle breeze from E. F.E. Clear and ploasant. Ridnig to flood tide.

**Classical V. F. R. Lieutenant V. F. R. Lieutenant V. F. R.

Fum 6 to 8 9.92 Shau and pleasant Gentle breeze from 5.96. at 7.40 bryan eveninging to Est Sent draw light yarde a & Martin (the book 20), R. & Godon (& P.) and J. Black B. Min) returned from leave.

Montepning to Europe & Energy V. J. M.

Our & J. M. to Mid

Ourcast with precing chown last two hours. Gentle to light breeze from \$6. Barometer felling. At 9.50 cent staw toward up the nine to book for gig, the former aturning without gig at 11.00. Their Examined and found to be correct redwing to abl title.

J. B. Me illow, Surgaran, Suitewall W. J. N.

LOG of the UNITED STATES This Essex at anchor in the York River off Yorktown, Va.

Third Rate,

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Hear Hebs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	Did	ab b	surrent														
A. M.	0	5	Aland	904.	98	3			30.09	65	65	63		b.c.w.l.	cum ruin	1.5	
2	0	6	"	96.	6.96.	3.4			30.09	65	65	63		,		4	
3	0	8				3.4			30.09	65	65	63		"	"	4	
4	0	9				3-4			30.05					0.0.w.l.	"	0	
5	1	1		96. by E.		3			30.04					0.0.	"	0	
6	0	8		8.\$6°.	East	3			30.04					6.0.	"	2	
7	0	200		East.	Gast	3			30.04							0	
8		Ila.	ck	Sast.		3			30.06		64					0	
10	,	4				3			30.06							0	
11	,	4		NOt. by N.		3			30.06	63	63	60				0	
Noon.	1.			1.481.		3			30.06	63	63	60				0	
						-				1						1	1

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ©	0	,	"	
	Longitude by chronometer from Forenoon Observations of ©	0	,	"	
	(Latitude by	0	,	n .	
Position at 8 A. M.	Longitude by	0	,	"	
		0	,	"	
Position at 8 P. M.	Latitude by		,	u .	
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o '	
	ass by Azimuth ⊙ observed at , ship's head	0	,	"	
	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o	
	ring the preceding 24 hours,	47	5	gallons.	
		/		44	
Water	during the preceding 24 hours,				
Water remaining o	n hand fit for use at Noon,	/32	5	"	
Coal consumed dur	ring the preceding 24 hours,	tons /	200	lbs.	
Coal remaining on	hand at Noon,	103 " 1	59	0 "	

														P. M.
4	cir. cum.	b.c.		62	65-	65	30.06	3	. East	A. 1.04.	Ebl.	2	0	1 1
6				61	65	64	30.07	3	96. by 6.	6.96.	Flord			2
7				61	65	64	30.0 5	3	6.46.	96. by 6.		2	0	3
7				61	65	64	30.05	3		6.96.		4	0	4
				61	65	67	30.02	3				5	0	5
5				61	65	67	30.01	3		,.		7	0	6
П	cum strek.			61	65	67	30.01	2				5	0	7
4				61	65	67	30.01	2			ing	wing	9	8
9		00000	2000	.60	63	63	30.03	2		Of. by A.	EH.	4	0	9
9				60	63	63.	30.05	2	9.96.	Ox. 31 Ox.		3	1	10
8							30.05	2		1 04. by 04.	.,	4	1	11
10	noise	b.		57	60	60	30.05	2				4	1	Mid.
	cum stub			61 60 60 57	65 65 63 63 61	67 67 63 63 60	30.01 30.01 30.01 30.03 30.05	3 2 2 2 2 2	₹. ₹. *.	04. by A.	ing Ebl.	7 5- uring 4 3	0 0 9	6 7 8 9 10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Cloudy and damp dightning all around horizon Gentle to moderate breeze from \$6. to 6 \$6.

M. J. Coloman

From 4 to 8 a. M.

Sentle breen from E. F.E. to Each. Overcast with indication of rain. Flack water about 7.25. Peccind on board in Pay Dept. 90 the fresh brif, 90 the fresh orgitable, and 72 the feel bread. Link Condi I m. Then Ob. A. netwood from leave. J. Longan (bile) left the chip on them (3) days leave . At 7.35 crossed topqullant and royal yards.

Gen R. Deutenant M. S. Nr.

Oum 8 a. m. to Merid.

Colondy and threatening rain Gentle breeze from East. Fiving to ebb at 9.40. Qb 9.50 went to quarter for importion and distrib at battery till 10.30 22 miles 10.45 to 11.45 making mb requisition. Becained 36 2 year coth and 510 cap rebons in Cay Department. Untrub yet and figure yet for algain. Tentral magazine flood cocks and found them all right. Temperature of magazines 72: found, 69:46.

Montagrany la hugher 2 & Ensign Cl. F. M.

Fine Merid to 4 P.M.

Elendy but pleasant. I ently brew from East to FE by E. Barometer falling a Braid of Lewen consisting of Level J. B. Prilton Dr. F. M. Level Iso Co. Blank W. F. W. and Excelps of I boleman Dr. F. M. Event watch had instruction in gunning execute watch watch and apare; and third watch marlinepers exampling calinaking and expalse from 1.15 to 2.15 the first watch had instruction in section and expansion of the first watch had instruction in section and the third watch had gunny from 2.30 to 30; the first watch had broadwoods, the second watch grynnastics and the third watch account from 3.45 to 4.15.

Roger Wellis & Eneign W. J. N.

Press 4 to 6 9.9%.

Cloudy and pleasant. Gentle breeze from E. F.E. alland boys on frish conduct class to go askow in second entless to simm.

M. D. Coleman Englin De. S. M.

From 6 to 8 G.M.

From 6 to 8 (4.9).

Sight been from 6. The Practy cludy and pleasant To als around the moon. Began everiging to ell at 7.45. The down toggetlant and comply under at enner. Confined a French (app 3.0) in single cime in the cell for the night. M. and confined (B. N. 201), returned from 4 days law.

The cell for the night. M. andrew (B. N. 201), returned from 4 days law.

The center and W. F. N. Einten and W. F. N. Einten and W. F. N.

From 8 P.M. to Mid.

Examined and found to be correct. Clear and pleasant. Gently breys from E. FE. and F. FE. The Francis Conserved on brand on may 14 is beenly disched world pourly by the flow.

J. B. Me illow Navigator, Lieutenant U.S. N.

LOG of the UNITED STATES Thip Essex Third Rate, are anchor in the York Phin off Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	Did	46	uneut														
1	0	4	EH.	So Ok. by Ok.	P. R. Ly 94.	2			30.03	59	59	56		b.c.	cir.	7	
2	0	6		Q1. A Q1.	. 0	2			30.03	59	59	56		b.o.m.		7	
3		9	lack	Lurugnia		1			30.03	59	59	5-6		b.m.	none	10	
4	0	2	Flord	Gurngnig FE		1			30.03							10	
5	0		"	96.	194.	2			30.03	60	60	58		b.c.g	cum.	5	
6	0	2		96. ly 8.	94. N. 94.	2			30.04	60	61	60			cir cum	4	10
7		2		. 8	"	2			30.04	61	60	58				5	
8			lack	99. ly 04.	North	2			30.05	61	61	58				4	
9	0	2	all	O4. 1 St.		1-2			30.06	66	64	59				4	
10	,	3		N 94. by 24.	6.16.	1-2			30.06	68	67	63				5	
11	1	4				8			30.05							1	
Noon.	1	5	-	Jr. 94.		3			30.04						ciratras	47	

Course and distant	ee made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ①	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	0 /	II .
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	• ,	"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Water expended di	aring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		"
Water remaining o	n hand fit for use at Noon,	875	"
Coal consumed dur	ring the preceding 24 hours,	875 1 tons 80	lbs.
Coal remaining on	hand at Noon,	102" 181	0 "

P. M.					,							
1	1	0	64	A 94. by A.	6.46.	3	30.02 69	68	68	b.c.	cir. cum	.5
2	0	6		North		3	30.00 70	69	63			7
3	9	lace	k	East		3	29.97 70	70	65			7
4	0	8	Flord	6.96.		3	29.96 7	70	65	١,.		8
5	1	2		"		3	29.95- 70	70	65			8
6	1	6				3	29.95- 70	70	65			8
7	1	6			6.96.	3	29.95-70					9
8	1	0			9.	3	29.94 68				cum mint	4
9		Fla	ck	904.	South	0-1	29.94 68	67	64			2
10	1	5	866	JON.		0-1	29.94 68	67	64			3
11	1	5		,		0-1	29.94 68					7
Mid.	1	6	1	4.04. by OU.		0-1	29.94 68			-		8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

- Cloudy to clear. Light air and breze from IN by W. Thip owing to flood tide about 3.00.

Reserved the line in the contract of the con Roger Welles Jr. Ensign V. F. W.

Chum 4 to 8 a. On

Hay and damp. Sight brew from NOH to North. Flack water at 80' clock.

I Ellsworth (Fib.) reported on board this ship for duty at 7.50 W. from the U. J. R.J. Dale.

Received in board the following fresh previous 90 lbs. meat, 72 lbs. bread, 90 lbs. regitables.

At 5.00 G. M. releaved R. E. Bewon Cap. 30) from confusional in cell.

n. Moleman Eneign U.S. N.

Light aim to quithe brees from North and E. N. E. Pair and pleasant. Reding to elt tide Mustered crew at quarters at 9.30. afterwards called all hands to muster and read the section of the Summe Couch Martial in the case of R. E. Rement (Agg. 3 ct.), charged into learned the duegling on the 12th inthe with into the interference of deverting. The Bouch found the specification period, and entrumed Builon, the accused to be discharged from the entrue was approved by the Communiting Office on the 10th well as the continue was approved by the Communiting Office on the 10th well as the continue with the above entities. I wind of period, 9.30 to 10.30 evicual and band and discharged in accordance with the above entities. I wind and such a fall build each local to a broken the above entitle was a fall of the first entitle with the chortened failed and such about from aloft. In last written was performed in 3 minutes of leaves 2nd period 10.45 to 11.45 (2 watch) among your wastel earle and epace; 3th watch, machinepics and eighed. She and forward water tauk brew engaged nattling down engang Imprenature of magazine 71: forward, 70: aft.

From Merid. to 4 J.M. Bleav and pleasant. I settle breeze from E. N.E. Dielect as follow: 1.15 to 2.15, 14 watch eignale: 3rd watch, general; 3.45 to 4.15, 14 watch, eignale: 3rd watch, saile and epare; 3.45 to 4.15, 14 watch gymnastice 3rd watch, breadcurreds. Come working aloft nattling down, assisted by econd watch.

We watch, breadcurreds. Come wrking aloft nattling down, assisted by econd watch.

We watch, breadcurreds. Come working aloft nattling down, assisted by econd watch.

The watch breadcurreds. Come working aloft nattling down, assisted by econd watch.

Ensign W. F. W. From 4 to 6 P. M. blear and pleasant. Gentle breze from E. N.E. Barometer falling. See Dunning (Ch. B. Mate) left the ship or one weeks leave of absence hiding to flood tide. Roger Welles J. Ensign M. In.

From 6 to F.P.M. bloody and damp. Gutle begge from E. F. E.

M. S. Col Eman M. S. M.

Dieutenant Q. J. M.

Drew 8 9 9 n. to Mid . Sight air from Inth and calme. Began swriging to ebb tide at 9.00 and finished at 9.10. Party alondy first half, fair with bright mornlight last two hours. Lieutenant U. & R.

Examined and found to be correct.

J. B. Milton, Navigator. Lieutewant & J. W.

OG of the UNITED STATES Phip Essex Of anchor in the York Puri off Yorktown, Va

Third Rate,

COURSES STEERED by Standard Compass. Thijs head b.c. 04.194. J. 994. 29.92 70 69 67 4 Ebl. 1. 9. by 94. 29.90 71 70 68 29.90 71 70 68 9 29.90 71 70 68 Of by N. 2 f.o. 0 2 Olard East 196. 2 29.91 68 70 68 b.c. v. 6.96. Q. N. Q. 29.93 69 69 68 \$6. PW. 29.93 69 69 68 Orest. 9. h, E. 29.92 72 71 69 5 2 Of let Of by N. 10 flack 2 29.94 75 73 71 Q4. N 94 29.94 75 74 72 10 0 6 Ebb 11 29.94 79 76 73 19. ly 04. 29.94 80 78 74

Course and distance	re made good since preceding noon by observations,	knots.	t	enths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ⊙		,	"		
	Longitude by chronometer from Forenoon Observations of ⊙		,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	•	,	"		
		0	,	"		
Position at 8 P. M.	Longitude by	o	,	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth O observed at , ship's head	0				
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	,
Error of the Comp	ass by Azimuth @ observed at , ship's head	0		"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended du	uring the preceding 24 hours,	375	- ga	llons.		
Water	during the preceding 24 hours,					
Water remaining o	n hand fit for use at Noon,	500	9	"		
Coal consumed dur	ring the preceding 24 hours,	tons /2	00	lbs.		
Coal remaining on	hand at Noon,	102 " 610)	"		

P. M.	,	5	Ell	19.	6.96.	3	29.92 76	78	74	b.o.	cir. cum	7
2	1	5				3	29.92 76					7
3	0	8	Flord	6.16.	1	3	29.92 78		1	-		8
4	0	9	-			3	24.92 75	- 77	73			8
5	1	2		96.	96. by 9.	3	29.86 75	1			cir cum	8
6	1	0		96. ly E.	9.9%.	8	29.84 77				etral.	8
7	0	8		96.		3	29.84 78					8
8	0	8				3	29.8477		1			9
9	0	3		6.96	96.	0-1	29.89 75		1000	b.	none	10
10	0	1		98.	balm	0	29.89 74					10
11	0	1		01.101	991.	2-3	29.86 74					10
did.	0	6				3	29.85 74					10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and pleasant. Light to gutte brey from F. F. Bright more and starlight More at at 3.15.

Wordgroung St. Ley 15-Mordgowery M. Lugler Eurogn Qu. & M.

Orum 4 to 8 a.m.

Pann 4 to 8 U.M Cludy and warm. Light wanielle breys. Link . U. B. Caperton returned from leave.

Ot 8.00 crossed topicallant and royal yards and loved sail to as lowline. This energy to flood at 4.30.

Observed in Dight of Tupplies and Accounts, 72 lb. fresh bread, 90 lb. fresh loof and go lb fresh engetables, which passed inspection.

Roger Weller, I...

Reger Cheller, I...

Hazy and warm. Fight air to light breeze from Oh by A. at 9.30 mustered at quartered and at 10 o'closed sent 1ch and rade companies ashow in cuttors for drill. at 11.30 companies returned to chip and allowed boys to go in simuling. Got taught ready for small arm practice. Temperature of magazine 72 found 70 aft. n. D. Colsman Ensign & S. D.

Even Phriot. to 4 P. M. Star, warm and pleasant. Iswill breeze from 6.96. Stack water at 2 P.M.: wring to the flow tide at 2.30. At 1.30 planted target for small arm target practice, but afterwards wrighed it and planted it on brack and made preparation for practice.

W. R. Calerton.

From 4 to 8 P. De. Secret brew from F. F. D. Dair and warm. Flord tide. Tent down topigallant and royal yarder and topigallant marter at surech. Flasted distilling, with free banked under boiler it at 7.30.

Gen Roemant O. J. M. Drow 8 P.M. to Orid.

Bleav and pleasant Bright monlight Praiable unide from \$6 and \$0. Calm second bons. Distilling with bruked frie under boler it. Tung to ell at 10.30.

Wordpowery U. Heryler.

Energy & F.M.

Examined and found to be correct.

J. B. Me iltere, Navigator. Leutenant Ch. J. W.

LOG of the UNITED STATES Phip Essex, Third Rate, are anchor in the York River off Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al 6	urreit														
1	1	5	Ell	NOV.	991.	3			29.84	74	74	72		b.9.	none	10	
2	1	4		,	,	3-4			29.84							10	
3	1.	2		196 by 1.		3			29.84	73	73	71		"		10	
4	1	0		Otest.	,	3.4			29.84		100			b.c.q.	cum etras	9	100
5		Fla	ck	J. 9 W.		3			29.84	72	72	70		b.c.	cum.	8	
6	0	2	Blood	9 E. ly 9.		3			29.82	71	72	70		в.	none.	10	
7	0	3		f.f6.		3			29.82	72	73	70		b.c.	cum	9	100
8	0	4				3			29.82	75	75	71		•		9	H
9	0	4		Fly 6.		3			29.82	79	78	74			-	9	H
10		Sho	ck	f'U.		3			29.82	83	81	76				9	
11	0	8	Ebb	94. by N.	g. gw.	3			29.82						Cum etras	9	H
Noon.	1	2		04. 1.04.		3			29.82	, 83	82	76				9	

Course and distance	e made good since preceding noon by obse	rvations,	knots.		tenths.		
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		. 0	,	"		
Position at Noon:	Latitude by observations of O		0	,	"		
	Longitude by chronometer from Forenoo	n Observations of ⊙	. 0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	1	"		
Current during the	time, knots tenths per hou	r, setting to the					
Error of the Comp	ass by Azimuth ⊙ observed at , s	hip's head	0	1			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0	,
Error of the Comp	ass by Azimuth ⊙ observed at , s	hip's head	0	,	"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Vater expended du	ring the preceding 24 hours,		40	0 8	gallons.		
Water distall	during the preceding 24 ho	urs,	50	0	"		
	n hand fit for use at Noon,		60	0	"		
Coal consumed dur	ing the preceding 24 hours,		/ tons / ;	000	lbs.		
Coal remaining on	hand at Noon		100 " 16.	50	"		

P. M.											13332	
1	0	6	Ebl.	Q1. N. Q1.	9.9%.	4	29.82 86	84	75	b.c.g.	cir. cum	9
					,	4	29.79 87	1 86	76	.,		
3	0	5-		NO4. by N.		5	29.77 88	86	76			8
4		Pla	che	Ok. by N.		4-5	29.74 88	86	76	"		
5	0	5	Adres	9.96		4-6	29.70 80			b.o.g.p.	curu mint	5
6	0	8		96.		4-5	29.69 80	79	74	b.c.q.p.t.l		
				East	96. to 194.	4.5-	29.68 76					2
8	1	D	,	6.96.	N 04.	5-2	29.68 76			"		2
9	0	5		East	,	2	29.79 76		,	b.o.p.l.		2
10		94	ack	6.86.		2	29.79 78	100		b.c. b.t.	1	2
11				9. by 94.		1-2	29.79 74			boplet.		2
Mid.	1	2	Ebl.	Ox. Fox.	East.	1	29.79 74			1.0.		2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Slean and pleasant. Gentle been from F.M. Distilling with banked free in bills of.

Roger Weller Ja

Roger Weller Ja . S. M.

From 4 to 8 a. M. .

Clear and pleasant. Sentle breeze from PN. Distilling with banked free under briles A. Received on brand the following fresh principus, 90 lbs. meat, 90 lbs. mather and 72 lbs. bread. At 80 clock sent up toggetlant made and crossed topgallant and rayel yards.

N. T. Coloman

M. J. Colsman Enuge On J. M.

Orm 8 a. M. to Merid

Clear and warm. Gentle breger from IN. and S. IN. Flack water at 10 o'clock Turning to the eff tide at 10.30. Mustered at quarter at 9.30 and at 9.40 wint to fix quature. I Division early in minute 40 seconds: 20th division, minute 50 seconds: 30th division in minute 45 seconds. Onder Division in minute and Engineer Immite 45 seconds. Onder Division in minute and Engineer Division in minute. Os seconds. Divish triggle in brack and laid off distance for firing boat and anchord same in parties. Divish triggle in banked under botter it. Emperature of magazine 72- forward, 70-eff.

Our Merid. to 4 9 m.

The Meride To 4 W. Down to stiff berey blowing in guffer from \$ 9 W. Dair and warm Et tide.
Thacks water at 4.00. Began small aim tanght quaeties with After Powder and 3th durewow. Aim of the talking magazing wife; cauge 300 yards. Dining from boat at target on above. Distilling with five banked under briler it. a. Bavate (High) left the ship or two days leav.

Sicilterant U.S.N.

From 4 to 8 9.9W.

Figually and rainy whole watch . Visid lightning. Two devote to feel been from varying directions, chifting grickly. I consigned Cler returned from leave. Or remest and down voyal yards. Dietilling with banked frew works boiler it.

Honogray M. Hayden. Eneign M. & M.

From 8 J.M. to Mid. Child. Blundy, with brilliant lightning in Eastern Loryon, and occasional pressing shown. Baronster steady at 29.79. Eight & By briges to light said from Each Distilling with brukhe free in brilet A.

Roger Welles Jr. Ensign W. F. M.

Examined and found to be correct.

J. B. Me illin , Navigator.

LOG of the UNITED STATES Thip Essex. Third Rate, at anchor in the York aim off Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Hear ths.	000
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	Ototo of the Co
A. M.	Jid	al t	Surrent	0													
1	1	4	Ebt.	Q1. N. W.	9.96.	1			29.76	75	72	71		0.c.m.	cum nin	2.0	
2	1	5			,	1			29.74					b.c.m.		3	li
3	1	4		,	,	1-2			29.70	73	71	70			"	3	B
4.10	1.	2	water	.,		2			29.69	73	71	70			cir. eum	6	H
5	d.	eard	Flord	96.	994.	2			29.67	71	70	69		b.c.	"	8	B
6	0	2		6.96.	F. F. W.	2			29.71	70	70	69		,		7	B
7	0	4		96.		2			29.71	72	72	70			"	7	H
8	0	3				2			29.72	73	73	71				8	H
9	0	2				2			29.73	73	73	71		b.c.p.	eum min	27	H
10	0	5	606	F94.	F. F. E.	2-3			29.72	73	73	71		8.0: 9. pt.	2 "	2	1
11	1	0		9. ly 6.		3-4			29.72	74	73	71				1	1
Voon.	1	0	-	I by Oh.		4			29.71	73	73	72		0.c.g.n.		0	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ②	0 ,	"
	Longitude by chronometer from Forenoon Observations of ©		"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 /	"
Position at 8 P. M.	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used, ° '
Error of the Comp	ass by Azimuth @ observed at , ship's head	0 /	II .
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 /	variation used, o
Water expended du	aring the preceding 24 hours,	4008	gallons.
Water distille	d during the preceding 24 hours,	1400	
Water remaining o	n hand fit for use at Noon,	1600	"
Coal consumed dur	ing the preceding 24 hours,	J tons 240	lbs.
Coal remaining on	hand at Noon,	99 " 1410	"

. M.												1	
1	1	2	Ebb.	Q1. 194.	9.96.	4	29.69	72	72	71	0.0. g. t. N.	cum wish	0
2	0	8				3	29.67				l.o.	cun strat.	4
3	0	6	-	Otel		4.5	29.64						4
4	9	Plac	k	98. ly 9.		5.6	29.64	74	76	73	в.о.р. в.с.т.	cum wint	2
5	0	4	Blood	96. ly E.		4-6-	29.64	74	74	71	b.c.m.	atrat.	2
6	1	0				5.6	29.64	72	73	70			2
7	1	2		96.	98. ly 9.	5	29.64					oum mint	2
8	1	2			, 0	6	29.64			,		cir.cum	
9	0	8	-	6.96.	96.	4-5-	29.65				b.c.w.	an nint	2
10	0	8			.,	4	29.65						2
		luce				4	29.64						2
(id.	1	5	åbt.	994.		4	29.64						2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. On. Bleav and pleasant. Light aim to light breeze from F. F.E. Banked frie in briler A. Distilling. n. T. Co of Eman.

Crow 4 to 8 a. M

Frair to clear and pleasant. Third light from F.N., backing to F. F. Flack water at 4:30: curring to the flood tide at 5 o'clock. Revenue in Dept. of Supplier and accounts, for issue to crew, 90 lbs. fresh hif. 90 lbs. fresh rightables and 7 ble brack. Distilling with fire banked under biler "A". W. Maperton

Lieutewart U. S. W. From 8. a. On. to Merid

Light to moderate breeze hauling from F. F. Oh. to F. F. Oncact and variey with thunder and lighting during part of witch. Tide tuned 28 d a 10.00. Evalue & Backeller Prachimet reported the expiration of his term of cultiment and was accordingly howeverly directarged from the Oh. F. Pavel Ferrer & D. Lugem & B. B. Fitte Oh. Left the ship he over daily leave. Testing with free banked under look 1. W. Brand of which beink Oh. B. Capetin Oh. F. W. was Gener Welship held a Fewry on acticles in the Manigetim Department. Semperature of margagine 71° forward, 70° eff.

Que Rocard Qu. J. Dr.

From Merid. to 4 P.M.

Severally oricael cleaning second how his clouding up last home Theoderate to fresh bases from F. F. B. Bank (& M. C.) left the ship on three & days leave. Feel librity party of men and by achor Dictilling with free backed much brile it a Brack of Lucy of which beside! J. B. Alton R. F. B. Brack of Lucy of which beside! J. B. Alton R. F. B., was senior member, surveyed certain acticles in Odnam Top Horleynnery M. Buylor Energy R. F. B.

Chity party returned on time except 5. Ball (app. 30) corretaging. Dietilling with banked fice winder briles it.

Roger Welle Jr. Suringer Ch. S. OK.

From & P. M. to Prid.

Cloudy and equally Ftiff to morderate been from & E. Dixtilling with banked frie under boiler it.

n. J. Coloman. Eusign W. S.M.

Examined and found to be correct.

J. B. Me illen, Navigator. Lieutenant M. F. M.

LOG of the UNITED STATES Thip Essex Third Rate, Or anchor in the York River off Yorktown, Va.

							00	V		_							
			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear iths.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	Slujer head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
		bal '	bureus														
A. M.	,	4	6H	91. N. 94.	J. 9 6.	4			29.64	71	72	71		b.c.m.	cir.eum	2	
2	1	4			,	4			29.64	71	71	70		"	,	3	
3	,	4				3.4			29.64							1	
4	1	3				4			29.64		,	,		,		2	
5	0	6				3			29.67					b.c.	cum rimil	6	
6		glo	cle	96.		3			29.71	1		1				3	
7	0	4	Blood			2			29.72	1	,			"		4	
8	0	2		9.96.	South	3			29.75	,		1				3	
9	0	2		96. by 9.	f. 9 %.	3			29.76					b.c.p.	-	4	
10	0	2.		96.		3.4			29.78		,			b.c.	cum.	2	
11		Blo	ck	9.96.		3			29.80		,					3	
Noon.				Furnging	£94.	1-2			29.81		,			-	stial.	5	

Course and distant	re made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 " "
	Longitude by D. R.	0 / #
Position at Noon:	Latitude by observations of ②	0 / "
	Longitude by chronometer from Forenoon Observations of ⊙	0 , "
	(Latitude by	0 / 11
Position at 8 A. M.	Longitude by	0 / "
	(Latitude by	0 1 11
Position at 8 P. M.	Longitude by	0 / "
Current during the	e time, knots tenths per hour, setting to the	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 (
Deviation of the C	ompass by Azimuth @ observed at , ship's head	o ' variation used, o '
Error of the Comp	ass by Azimuth @ observed at , ship's head	0 . 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended di	uring the preceding 24 hours,	400 gallons.
Water distilled	during the preceding 24 hours,	1000 "
Water remaining of	n hand fit for use at Noon,	2200 "
Coal consumed dur	ring the preceding 24 hours,	/ tons /680 lbs.
Coal remaining on	hand at Noon,	97" 1970 "

. M.											1	circum.	
1	1	5	Ebb	A 94. by 94.	994.	2	29.80	74	73.	65	b.c.	cir stist	6
2	1	5		,	96.	1	29.80	75	74	65-			7
3	1	5	-			2	29.80						8
4		5-		I by Ct.		4	29.79	75	74	65			9
5		31	ack.	East		4	29.79	69	69	65		-	9
6	0	4	Glord	,		3.4	29.79	69	69	66			9
7	0	4		9 ly 6.		3	29.79	69	69	66			9
8	0	8		6.4.6.		3	29.81	68	68	65	,	-	9
9	0	4				3.4	29.81	68	68	65			9
10	0	4				3	29.81	68	68	65	b.	now	10
11		Flac	k	Guringing to		2.3	29.81	68	68	65		"	10
Mid.		-		the ell tide		2	29.85	63	62	61			10

Commander F. Or Dickins Tunday May 20

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From 4 to 8 a. M. Gentle to light breeze from J. 9 E. and Forth. Cloudy. Tide turned flood at 6.00 Received on brand in Pay Dept. 90 lbs. freele bref. 90 lbs. freele wrightedles and 72 lbs. freele bread.

Geo. R. C. ack W. S. 9.

From 8 a. M. to Mend.

Theatening rain fiel pack cleaning later. Sight to moderate breeze from 9.9%.

and 90%. At 930 meetered at quarters and can and alige was inspected by Commending Office

6. Hell (app 20) about without leave. Distilling with banked free under bold A. Imperative of

magazymic 72: forward, 70: aft bhailes 6. Backelles was enlighed as marliment for their years from this date

Non-Uponing W. Levylor.

Care Overed to 1 for

From Merid to 4 9 m. Sleav and pleasant. Light breeze from F. to moderate breeze from F.E. Bravonete steady. At 1.00 cent librity party in shore. Distilling with banked free in boler A.

Roger Wellis. Jr. Eurign W. F. M.

From 4 to 8 T. M. Stavand phasaul. South to moderate brew from SE. Barometer steady. a Barato (High) returned from bran 6 hours vertine. Distilling with backed free in biles A.

71. J. Coloman Que 9. M.

From 8 P. M. to Edid.

Clear, cool and pleasant. Sentle to light breeze from 96. Noon now at 8.45 Slave water at 10.45, ship awaying to the elf tide remainder of water Distilling with banked fire under brites A. W. A. Paperton.

Quitenant M. In.

Examined and found to be correct.

J. B. Moilton, Navigator.

LOG of the UNITED STATES This Essex This Rate, and anchor in the York Rion off Yorktown, Va

					WIND	WIND.			BAROME	BAROMETER. TEMPERATURE.					24	2	
Hour.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.		b.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea		
A. M		5	Ebb	OH. A. W.	₹ % .	2			29.85	62	63	62		l.	none	10	
2	1	6		"		2			29.86	61	63	62		1,		10	
3	1	5	"	N 94.	W.9W.	3			29.87	61					"	10	
4	1	4	1.	"		3			29.87					6.0.	cum etres	9	
5	1	4	"	10000	"	2			29.87		,			"	"	6	
6	0	Ju	inging ?	Now by Oh.	"	2 2			29.92			60		,	",	8	
8	0	3	Flord	6.96.		2			29.96		1				cir. cum	4	
9	0	2		96. by 9.	f. f. 04.	3			29.96	66	64	59			strak	9	
10	1	2		96. ly &	,	1			29.98		1000					7	-
11	0	2		Linth		2			29.99		1					6	-
Noon		all	ack	ત્રીજા.		3			30.00	68	68	60				5	
						1	-		-	-	1	-	-			-	-

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / 1/
Longitude by D. R.	0 1 11
Position at Noon: Latitude by observations of O	0 , "
Longitude by chronometer from Forenoon Observations of O	0 / //
(Latitude by	0 / //
Position at 8 A. M. Longitude by	0 1 11
	0 , "
Position at 8 P. M. { Longitude by Longitude by	0 1 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used.
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	1100 "
Water remaining on hand fit for use at Noon,	2800 "
Coal consumed during the preceding 24 hours,	/ tons / 200 lbs.
	06 " 770 "
Coal remaining on hand at Noon,	70. 170

M.												
1	0	3	EH.	1. 1.91.	46.	3	30.01 6	9 69	63	b.c.	cir. cum.	5
2	0	4		04.404.		3.4	30.016	9 69	64		-	5
3	0	6				3.4	30.02 7	0 69	64		-	6
4	0	6	-	N94.		3	30.03 7	1 69	64			7
5.40	0	90	-	NOX. by N.	6.96.	3-4	30.03 7	1 69	64		-	7
6	0	5	Blord	96. hy 6.		3	30.03 7					7
7	0	6		East		3	30.05 7				cum strak	9
8	0	8		dE.		3	30.05 7				cir. cum.	4
9	0	4		\$6. ly 6.		8	30.05-6	,				4
10	0	4		. 1		3	30.06 6.	5- 65	- 62			4
11	0	3		6 by 9.		2	30.06 6.	5 65	62			5
lid.		2		6.46.		2	30.06 6	5 66	62		-	5-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sight to gentle breen from SN and N. F. Chear and cool. Bright mornlight. Strong eld tide . Ftogued distilling at 12.10. Dies banked under bale F.

gen Linterant M. & M.

Funu 4 to 8 a. m

Now by the chiefung to E. F. E. Funny to flow at 7.15. Cheesed eaget yards at 8.00 Received in Pay Dept. 88 3/4 lb. breef, 88 3/4 lb. breef, 88 3/4 lb. breef, 88 3/4 lb. breef, 88 3/4 lb. breef and 71 lbs breed aby 3.00 began distilling with banked from under bree 4.

Montgowery Mr. Lengton Eurige W. & M.

Oum 8 a. m. to Merid.

Dair and pleasant Sight air and been fine to the Bajeton in F. I. Baronete steady. Toured calling launch and sent forward brush dinion Link A. Bajeton in clarge to five with extended target, and half of Died dinion, Link to B. Bale in charge to five into evolve at target, and second conjuncy. Europe Cope Asless of Sugar to the Surface of the Sugarty to Enguine Debt of the Surface of the Surface of the Surface paid to the Died Surface of the Surface of

Roger Weller Jr. Eurige W. S. M.

Fum Merid to 4 J.M.

Clear and pleasant. Gentle to moderate brees from \$6. Catura of amost received a Buron appointment as Chief Caquetee Mate date apillot. 1894: Itse Dunning exceed a Buran appointment as Chief Capillot. 1894. At 1.30 Navigatore Division left Chief for eifle perities in earling launch and i'm division left chief for eventual perities in "" will cutte At 10 clock field each Frequent destilling at 20 clock and allowed free to the outs under both It. Gened division returned on board at 40 clock.

7 J. Col sman Europe W. & W.

Jun 4 to 8 9.90

Fair and cool. Sentle to moderate breeze from 6.96. Plack water at 5.30. Turing to the flored tide at 60 class. The appointment of James Songar as an acting other 9 to Bucks as an acting Bestwam's Prate 2rd class and Euch Cenition as an acting Junior Rate 3rd class all in the Post Pray was their expension april 1st 1894. The appointment of Clas Post Callin as an an acting Other in the Post Pray was their day reversed for ever months from its expension, april 5th 1894. At aurent and from its expension, april 5th 1894. At annels and from its expension, april 5th 1894. At annels and from toppedlant and engle years. XVIX aperton. Lieutenant W. J. N.

From 8 P.M. to Mid. Gentle to light bury from E. G. Partly slowdy, Morn rose at 9.45. Flood tide.

Examined and found to be correct,

gen R. Cearle Suitensul Vi. S. W.

Levitewant Ch. I. W. Navigator.

LOG of the UNITED STATES Ship Essex archor in the York aim off Yorktown Va.

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	Did	u 6	urrent														
A. M.	0	1	Ebt	Q. 1. W.	balm	0			30.10	65	65	62		b.c.	cum.	4	
2	0	6		N94.		0			30.10	65	65	62				2	
3	1	4		N. 91. L. 94.		0			30.10	65	65	62			cir. eum.	9	
4	,	5		ref.		0			30.10	65	65	62			cum.	2	
5	1	3		J. O. l. O.		0		1	30.10	64	65	64			.,	3	H
6	1	1		101	East	1		1333	30.11	65	65	64			cir. cum	4	
7	0	4		North	6.96.	1			30.13	67	67	65				2	
8		9,	ornging	to Flord		1			30.13	67	67	65				1	
9	0	4	Flore	E. by N.	E. by 9.	2			30.15	68	67	65			cum.	2	H
10	0	5		8.96.		2.3			30.16	69	70	65			-	4	п
11	0	6				3			30.18	69	70	66				4	B
Noon.	0	6				3-4			30.18	69	70	66				4	10

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 1	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ①	0 /	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 /	"
		0 ,	"
Position at 8 P. M.	I remitted by	0 ,	"
Current during the		0 (
	ass by Azimuth ⊙ observed at , ship's head	9 ,	variation used.
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head		
Error of the Comp	ass by Azimuth O observed at , ship's head	0. /	• "
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 (variation used, o
Water expended d	uring the preceding 24 hours,	450	gallons.
Water distil	led during the preceding 24 hours,	350	4
Water remaining of	on hand fit for use at Noon,	2700	"
Coal consumed dur	ring the preceding 24 hours,	tons 720	lbs.
Coal remaining on	hand at Noon,	96 50	"

. M.		4	Flack	6. ly 9.	6. ly 9.	4	30.14	70	70	66	b.c.	cir. cum.	7
	0	5	äll	North		4	30.12	68	69	65	-		8
3	0	8	-	A by 84.		4	30 11	70	70	65			8
4	0	8	-	184.		4	30.11	71	71	65		-	8
					96. 	4	30.11	71	69	65		cir.cum	9
6		Tha	ck	Turnania.		4	30.11	69	68	64			9
7	0	1	Flord	98.		3	30.09	68	67	64		cuse.	8
8	0	8		9.86.	98. ly 6.	3	36.08	67	66	63			9
9	0	9		96.	98.	2	30.08				b.c.l.	cum stral	8
10	0	8		6. 96.		2	30.09				"		9
11	٥	7		46.		2.3	30.09				f.c.		7
Mid.					96. to 10	3.4	30.08				b.o.q.	cum aunit.	4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Cloudy and pleasant. Mornlight. Calm. Elt tide.

Moulgoney M. Langler Energin M. S. M.

From 4 to 8 a.m.

Cloudy but pleasant. balow and light air from East to E. F.E. Bravonetw vieing, Riding to elt tide until last how when owning to flood. At 7 15 crossed topgallant yards. I. H. Buhk (i Mate) (o) estimated from two days libraty. Cocauses on braid in Pay Dept so it like field but 80% lbs. field bright present importance.

Rose Welles I.

Roger Chelles Jr. Surige W. J. N.

Cloudy and pleasant Sight to moderate brees from 6 by I Baroneter neing During watch the 1st Divine had refle practice from earling launch at target askor and forward Powder and 3th Divine had worker practice at 9 30 musticed deep a question and event only clear bage 6 Hall app 30 was declared as describe from May 20, by order of Commanding Officer all bands engaged blocking align justph thou away at target practice Imperative of magazine 73 followed 70 aft. M. J. Balaman

From Merids to 4 PM.

Shear and cool. Moderate brews from 6 by I. Glack water at is clock and at 1.30 away to the elb tide. 2nd Division engaged at target fractive with influe and the Navigative Division with revolves Ships company blacking ship notices. Taken and sent below the main and migros topmast staysails.

Ensign U. F. W.

Gen R. Cegek Juitewant Qu. S. R.

From 8 P. On. to Orid.

Bair. Lightung first half. Gentle buy from \$6 first part, elifting suddenly to I. I. and equally just lift class. Criding to flood Houlganery Mr. Varylow.

Ensign On F. Or.

Examined and found to be correct,

J. B. Me illow, Navigator.

LOG of the UNITED STATES Thip Essex, We ranchor in the York Thin off Yorktown, Va.

			-		WIND.				BAROME				URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	Did	al B	uneut														
A. M.	eb da	tlac	le	Lenth	£6.	1-2			30.06	66	66	65		b.c.	circum	. 5	
2	0	8	64	94. 11.04.		1			30.03	66	66	65		"	',	3	
3	1	100		NO. by O.	9%.	1-2			30.02	66	66	65	-			1	
4				1		1-2			30.02	66	65	65	-		etrat.	1	
	1					2			30.05	65	64	63			cum siml	1	
6		3				2			30.05	65	-65	64		b.c.w.		1	
2000	,		12.53	JOb.	OL. SOL.	2			30.06	65	-65	64			-	1	
8	1				104	1		130	30.07	65	65	64		o.cd.		0	
9	0	1		4.4.04.	01.904.	1			30.05	65	66	64		b.c.	1.	1	
10	0	2	Blood	96.	Porth!	1			30.05	69	68	64				1	10
11	-		lack	9.46.	994.	1			30.05					-	-	,	
Noon.			ace			1			30.05					в.с.р.		1	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.
	(Latitude by D. R.		0	"
	Longitude by D. R.		0 1	"
Position at Noon:	Latitude by observations of ②		0	ı ıı
	Longitude by chronometer from Fore	encon Observations of O	0	, ,
	(Latitude by	chool observations of O	0	, ,
Position at 8 A. M.			0	, ,
	(Longitude by		0	, ,,
Position at 8 P. M.	Latitude by		0	
	Longitude by			
Current during the	time, knots tenths per	hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	variation used,
Error of the Comp	ass by Azimuth O observed at	, ship's head	•	, ,,
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	variation used, o
Water expended di	aring the preceding 24 hours,		500	gallons.
Water	during the preceding a	a hours.		
	n hand fit for use at Noon,		220	0 "
	ing the preceding 24 hours,		tons 88	
			95-141	
Coal remaining on	nand at Noon,		1	

P. M.											
		Ebl.	Ot. by st.	East	1-2	30.02 6	9 68	64	b.o. p.	cum mint	,,
			Q1. 494.	18	3	30.01 6	9 68	64			
			J. 94.		3	29.99 70			b.e.	cue unal	. 4
	5			96.	3-4	29.98 72	,				4
		-	At Of. by Ot.		4	29.94 70		100			4
			. 0		2	29.94 70			в.с.р.		3
					2	29.94 71	1				
		lack	16.		1-21	29.94 70			0. c. t.l. N		
		alm	96.	First	3	29.93 61			-		
					3	29.916					
					3	29.90 6			0.c.l.n.		
			6. ly 9.	Otel.	1	29.89 6			b.o. l.		
			1			1.1					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Wirdwight to 4 a. M. Elondy Light airs and breeze from 96. to 9 M. Barometer falling. Firming to abl tide at 1.00!

Roger Welles Jr. Ensign N. F. M.

From 4 to 8 a. On. Shorty and pleasant Fight bery from In to N. Receind on brand the following freely provisions, 554 lbs. meat, 55/4 lbs. orgitables and 71 lbs. brad.

T. T. Sol 5m an

N. J. Sol sman

From 8 a. On. to Merid.

Cloudy, with passing chance. Light airs from Or. 90. and 90. Plack water at 9.20 and survey to the flood tide at 12.45. Mustreed at quarters at 9.30. The Wangaton Director engaged at taught quartee with pittle and the 1th Director with refer Deservation of magazine, 73: forward, 70: aft.

From Merid to 4 P.M. Stight air to moderate breze from No. to \$6. Cloudy and pleasant. Ebb tide Continued small arm traigh practice Navigator Division reflect! And Engineer's Division revolvers. Cafle range 300 yards: revolve range, 30 yards Targets on show trate afters.

G. R. Guitwant Or. F. M.

From A. D. by D. N. V. by S. and N. E. Phangatoir and Engineerin duriens fring at target till 4 30.

Thousand the Taylor Ensign Dr. J. M.

Bum & P.M. to Mid. Dricael and vain to cleaning last how. Tentle been from South to light and from Street Charles & Bullock (App. 3.c.) left the ship with orders to report to the Commandant of the Chary Gard, One God, for transfer to the Charal Loyetal at that place.

Roger Weller, Jr. Ensign On & ON

Examined and found to be correct.

J. B. Moilton Navigator. Seintenant OU. J. M.

LOG of the UNITED STATES Phip Essex Phird Rate, an anchor in the York River off Yorktown Va.

			hog and the last	()			00	4					-				1200
			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	Clear Aths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Did	al.	burnent														
1	0	5	Flord	96.	9°W.	2			29.87	64	64	63		b.c.w.l.	cum ninel	.2	
2	0	4	EH.	94. by N.		2			29.89	64	64	63		b.c.w.		4	138
3	1	5		N 96. by 94.	04.99.	2.3			29.89	64	64	63				4	
4	,	4		21.121.	,,	2-3			29.85	63	62	61		"		2	
5	1	6		NOU. by Q.	O4. by S.	2			29.84	62	62	61		b.c.	cir.cum.	7	
6	1	5	,,		Of est.	2			29.83	61	62	62		,,	sun stras	7	
7	1	1			1 04. by 04.	2			29.84	62	63	62		**	cum aimb	3	
8	1	0			Ot. & Ot.	2			29.83	61	63	62				1	
.9	0	6		191.	NOt.	3			29.83	63	64	63				4	
10	0	4				3			29.84	65	65	64				5	1
11		g/	ack	Lunging		2.3			29.85	68	67	64			cum.	6	11/4
Noon.	0	1	Flord	£ . 1	£94.	2			29.86	69	68	65				7	
													-		-		1

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 1 , "
Longitude by D. R.	0 1 11
Position at Noon: Latitude by observations of ②	0 / //
Longitude by chronometer from Forenoon Observations of ©	0 / //
(Latitude by	0 , "
Position at 8 A. M. Longitude by	0 / "
	0 , "
Position at 8 P. M. Longitude by Longitude by	o , ,
Current during the time, knots tenths per hour, setting to the	
	0 /
mior of the complete by remains	o ' variation used, o '
20/11/10/10/10/10/10/10/10/10/10/10/10/10	o / "
Error of the Compass by Azimuth ⊙ observed at , ship's head	o variation used.
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended during the preceding 24 hours,	450 gallons.
Water during the preceding 24 hours,	- 6
Water remaining on hand fit for use at Noon,	1750 "
Coal consumed during the preceding 24 hours,	tons /600 lbs.
Coal remaining on hand at Noon,	94 " 2050 "

Р. М											
1		Lu	mging	to Ebb.	Ch. by 9.	2-3	29.83 70	70 64	4 в.с.р.	cum mit.	2
2		4	0- 0	Hest		2	29.81 72	716			
3	0	8		C4. 1. 94.	94. N. 94.	3	29.81 67			cum mint.	4
4	0	6		N. 94.		3-5-	29.82 65	66 6.	1 l.c.g.jp.		3
5	,	5			N. 194.	2-3	29.83 70	65 60			4
6	1	4		,		2.4	29.85 69	64 60		1,	4
7	1	2				, 3	29.86 69	64 60		cir euru.	4
8	0	8				2	29.85 64	63 59	b.c.	cum strat.	9
9		4		A by 94.		3	29.86 63	61 59	la landaria	cure.	9
10		Fl	ack	I by Ou.		3	29.86 63	62 6	,		8
11			Flord	98.		3	29.86 63	62 60			9
Mid	0	5	-	96. ly 9.		3.4	29.86 62	62 60		arm strak	9
1				1					1-		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oriednicht to 40 M. Overcast and mity. Light to quite breeze from 90 to 94 90

n. Tholaman

From 4 to 8 a. M.

Dair fiel two hours, cloudy and threatening rain last two hours of weetels. Light breeze from the by the count to Me and handing to Me Me. This reding to the left tide. Received in Pay Dept. for inter to our 88% lb. July breef, 88% lb. July orgetaker and 70 lb. feel break.

W. Blakerton Suidenant N. 99.

South to high bessey from N. Granling to 39 last how. Dair and pleasant Turing to floor tide at 1100. Printered our at quarter at 9.30 Continued small arm taugh practice. Nangative decision with viller and restrict Each 1st and 22th Companies on three at Gloristee Prich for exercise at Infantry drill. Semperature of magazine 72 feward, 70 aft.

Gen Routenant & 3.9.

From Preside to at PM. Cloudy with presing showers. Sentle to fresh breeze from the by to and the 4th .

Engages through watch tailing dawn Finished small arm target practice.

Howapury W. Guylor Engy W. F.

Guerge W. F. ... Shudy with presing shower Fight to moderate berge in equally from A. A. B. Baroneter rising. History all broke

From 8 9 M to Mid. Clean and plusant. Gentle to module buy for S. A. M. Barreter steady

n. J. Coleman Euge Of F.M.

J. B. Me Item Sorigano.

LOG of the UNITED STATES Thip Essex at anchor in the York Run off Yorktown, In.

					WIND.				BAROME	ETER.	TEMI	PERAT	URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			Burnent.	£ 46.	N. N. Ot.	2			29.86	60	61	.59		le sec	none	10	
10000	0	6				2			29.86					,		10	
3	1	2				2			29.86	58	59	57				10	
4		8		A Q1. by Q1.		2			29.86	59	59	58				10	
5	1	6		OH. J. Oh.	CU. FOU.	2			29.85	59	59	57		b.c.	strak	8	
6	1	4			Chest	2			29.86	58	59	57		b.	none	10	
7	1	4			a	2			29.88	60	60	58				10	
8	1	1		Jo 94. by 94.	Q. A Q.	2			29.90	62	62	58				10	
9	1	0				3			29.91					b.c.	cir.	9	
10	0	8				3			29.91	66	65	- 60		b.	none	10	
11			Furng	ing to flood	Hest	3			29.91	68	67	61				10	
Noon.	1	0	all o	ing to flood 9. by E.	V. ly N.	3.4			29.91	68	67	61		b.c.	cir.cum	9	

Course and distant	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 1	"
	Longitude by D. R.	0 ,	".
Position at Noon:	Latitude by observations of O	0 ,	ll .
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	0 ,	
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	,
Current during th			
	bass by Azimuth O observed at , ship's head	0 /	
	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o
	pass by Azimuth ⊙ observed at , ship's head	0 /	"
	Compass by Azimuth ⊙ observed at , ship's head	0 .	variation used, o
	uring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		"
	on hand fit for use at Noon,	1300) "
	ring the preceding 24 hours,	tons 960	lbs.
Coal remaining on		tons 960	0 "

. M.													
1	9	Place	k	Thy W.	West	4	29.91	71	70	62	lo.	cir cum.	7
2	0	2	Flord	Ofel	Ot.ly N	4	29.89					cum mint	3
3	0	2	-	W. 901.	(N. N. W.	4	29.89	72	71	62		cir eum.	4
4	0	9		Jr 94. ly 94.	N.NOV.	4	29.89	72	72	63			7
5	1	0	Gbl.	,	N. 24.	3	29.90	74	72	64			8
6	0	8			"	2-3	29.91	74	72	64	4		9
7	0	6				2	29.92 7	72	71	63		cum steals	8
8	0	6	-			1	29.93	71	71	62		mint.	5
9	0	7				0-1	29.94				b.e.w.	cum mint.	7
10	0	5-	7	-		0-1	29.95				,		7
11	0	4	Flord	6.98	West	1	29.95						8
Mid.	0	5		96. 6. 8.		1-2	29.95 7				6.	none	10

, U. S. Navy,

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Lleav and cool. Light breeze from A. M. M. Bright morelight and starlight flacks water at 3.30; evening to the ell tide at 3.45.

W. Capitton. W. K. Saperton.

From 4 to 8 a.M. Sight breeze from Oh. IN maring to Oh. N. W. Lleav and cool Ebb tide. Received on brand in Pay Digst. 70 lbs. fresh brad, 871/2 lbs. fresh bref, 871/2 lbs. fresh engitables.

Ge Re Gentruant & J. W.

From 8 a. On to Onerid.

Clear and cool. Isentle to moderate breef from Ch Noh, Sheet and Ch by N ah 9.30 muetred at quarter Al 9.50 called to General Eucater division regeting in the following times:

Nanigatori 3 minuter 10 accorde after Pender 5 minuter 3 Division 5 minuter 1 Division, 5 minuter 50 exemple, 2 Division 6 minuter 4.5 seconds, 3 minuter 50 exemple, 2 division 6 minuter 4.5 seconds. Called away 1 de liver inflements for 1 minuter each at a target 300 yards off. Their moved target in to 50 yards and first branches with revolver for 1 minute. Semperature of magazine 73 forward, 70 aft.

Guegowny M. Laylor - Eneign W. S. M.

Oum Merid to 4 J. M

Cloudy but pleasant Moderate berry from West to O. A. O. I he First Euter with the starboard 1 year I starboard . But Bend Butter with the good 1 per Fetchkier Everyn Faylor in charge had moving practice toward the target at a mean dectance of 500 yards; 6 chots were first from each cutter This Completed the target practice.

Roger Welles fr. Ensign W. F.M.

Fine 4 to 8 P.m. Clear and pleasant. Gentle breeze to light aire from AN. at 50 clock tide turned all. at 60 clock link light early

n. J. Colsman & S. W.

Som & P. M. to Mid.

Sleav and damp Light airs from N. H. and Miet Bright starlight Stack water at 10.20; suring to the flood time at 10.45.

W. B. Capitalor

W. Reperton Suitenant M. J. M.

Examined and found to be correct,

J. B. Meilline Navigator. Lieutenant Oh. Son.

LOG of the UNITED STATES Thip Essex archor in the York Rivir off Yorktown, Va.

Third	Rate,
	,

					WIND.		00		BAROME	TER.	TEM	PERAT	TURE.			ar.	4
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.		h	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Jida	el b	unent	0													
1	0	6	Flord	96. ly 6.	West	2			29.93	67	67	64		b.c.	cum.	9	
2	0	4		986 9.	"	2			29.92	67	67	65			cir. cum	.9	
3		91	ack	Oh by J.		3			29.92	66	67	65	1			9	
4	0	6	Ell	Of NO.	"	2			29.92	66	66	64			etral.	9	
5	1	3		NO4. by Ot.	104.	2			29.96	66	66	63			cir. atrab	3	
6	1	5				2			29.95						etral.	3	
7	1	4		Ot. J. Ot.		2			29.98	65	65	61		"	-	4	
8	,	4		N W. ly W.	"	2			30.00							4	
9	0	4		19.		2			30.04	69	68	65		-	circum.	8	
10	0	2		191. by N.		1			30.05	69	68	65				8	
11		9.	lack	Turnging		2			30.06	70	69	66				8	
Noon.				01		2			30.06	71	70	67				8	
																	1

Course and distance	e made good since preceding noon by observations,	knots.	tenths.		
	Latitude by D. R.	0 /	"		
	Longitude by D. R.	0 1	"		
Position at Noon:	Latitude by observations of O	0 /	"		
	Longitude by chronometer from Forenoon Observations of O	0 /	"		
	(Latitude by	0 1	"		
Position at 8 A. M.	Longitude by .	0 /	"		
		0 /	"		
Position at 8 P. M.	Longitude by	0 /	"		
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	Ó	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1	"		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	0	
Water expended du	aring the preceding 24 hours,	450	gallons.		
Water	during the preceding 24 hours,				
Water remaining o	n hand fit for use at Noon,	850	"		
Coal consumed dur	ing the preceding 24 hours,	tons 960	lbs.		
Coal remaining on		94" 130	"		
		,			

P. M.												cir. cunt.	
1	0	5-	Flord	6.96.	194.	2.3	30.06	74	72	70	b.c.	cuw.	7
2	1	4	.,	16.		3	30.03	74	72	70			6
3	0	8		East		2	30.02	73	71	69	-		6
4.	0	5-	666.	96.	J. M. to 6.96.	2	30.02	73	71	69			6
5	0	9	,	N OH. by OH.	6.98.	3	30.02	77	77	71	-	civicum.	6
6	0	7		Ox. 1. 21	0	3	30.02	76	75	69	"	strat.	6
7	1	0			1.	3	30.02	75	74	69	-		6
8	1	0				2	30.02	71	71	68		-	8
9	1	6			Variable	2	30.04	71	70	69	1000		8
10	1	3		9.98.		2	30.04	71	71	70			6
11		S.	acit	6. by N.	balm	0	30.04	71	71	70		cir. cun.	6
Mid.	0	0		6. by 9.	Sov.	2	30.04	71	71	70			1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sight to quitte breeze from Obest blear frit part, partly cloudy last home. Thom row at 12.40 bide twined elt 24 3.00.

General Districted of & S. S. S.

From 4 to 8 a.M.

Dair and cool. Gentle been from N. W. at 8.00 croud light yard. Received in Pay Dept. 87/2 lbs. baf, 87/2 lbs. wystable and 70 lbs. bread. Feet boys is summing.

Hortymery W. Jugan. J. W.

From 8 a. M. to Merid.

Chauma & W. M. to Annua.

Clean and pleasant. Fight airs and breyes from N. Barometer ning. General cleaning work about chip until 11.00 whom went to quarter for bag inspection. Began swinging to flood at 11.00 Somewatur of magazine 73 forward, 70 aft Discound that Physics Deed art file wich nife at taught so and him to rough to fine and thus employed the taught practice.

Consider the Consideration of Magazine 13. Consideration of the Considerat

From Mirid. to HPM Clear and pleasant. Light to gutte buy from NO. Baroneter falling allowed librity party to go ashore. Turied aurungs at 3.30.

n. T. Golsman

From 4 to 8 P. M

Fair to clear and pleasant. Gentle to light breyer from 6.96. Ell tide.

W. R. Caperton Qu. J. On.

From 8 P.M. to Mid. Sight variable breyer and calmer. Cloudy. Dide turned flood at 11.00.

gentlement Ol & De

Examined and found to be correct.

J. B. Me ilter, Navigator. L'entemant Q. S. Ok.

of the UNITED STATES Thip Essex at anchor in the York River off Yorktown Va.

	,	201	unc	nor in ine	gove ou	000	20	1	goin	wa	,,,,	, `	~.				
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of		Hear ths.	Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Did	al t	burrent	. 0													
1.	0	5	Flord	6.96.	Calm	0			30.08	68	68	66		b.e.w.	cum etial	.7	
2	0	4				0			30.05	68	68	66			cir cum.	9	
3	0	4		6.46.	N.N. W.	2			30.08	- 67	67	65		bw.	none.	10	
4		91	ack	6 h, 9.	16.	1-2			30.05	67	67	65		b.o.w.	cum strat	9	
5			iguig	to ell tide	Calm	0			30.05	66	66	65		b.c.	cir etial	. 8	
6	,	0	Ebb.	Qt. N. Qt.	9.994.	0-1			30.07	67	67	66				8	
7	1	2			balm.	0			30.07	69	68	67				9	
8	1	0			96	1			30.09	70	69	67				9	
9	,	0		104. by 94.	Gast	1-2,			30.10	72	71	69				9	
10	1	2		NOW. by N.		3			30.10	73	73	71			cir.um.	9	
11	1	0		16. ly 6		3-4			30.10	74	74	71		,		8	
Noon.		91	lack	6.98.		4			30.10	74	74	71			stiak.	7	
	1	-	-				-		-		-	-					

Course and distant	ce made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ①	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	۰	,	"
	(Latitude by	0	,	n ·
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	•	,	"
Position at 8 P. M.	Longitude by	o		u
Current during the	e time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0		variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	II .
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o
Water expended d	uring the preceding 24 hours,	45	0	gallons.
Water	during the preceding 24 hours,			и
Water remaining of	on hand fit for use at Noon,	40	0	· ·
Coal consumed dur	ring the preceding 24 hours,	tons 8	80	lbs.
Coal remaining on	hand at Noon,	93 " 1	490	

P. M.												
1	0	2	Flord	6. h, 9.	6. h, 9.	2.3	30.08 7	4 74	71	b.o.n.l.	cum umb	4
2				96. by 6.	6. ly 9.	3	30.067					1
				Gurugma	96. by 6.	3	30.06 Y			в.с.р.		
4		gli	ack	0 0	Porth	3	30.06 7	1				
5	0	2	886	9.89.	п -	2	30.06 7	1				
6	0	8	,,	Ot. 1 04.		3	30.06 7			b.e.w.		
7	1	4		N O1. by O4.		3	30.04 7	0 70	68	4		2
		5		- 0		3	30.04 7				cum etral.	7
9	1	0				3	30.03 7			b.c.m.l.	1	7
10	1	0		104.		3	30.03 7			b.c.		9
11	0	5		J. N. W.		2	30.036	,				9
Mid.		Fla	ck	96		2	30.03 6			-		9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 40.0M. Dair cool and very damp. Calm to light air from N. N. M. Moon rose at 1.30. Stack water at 4.00. Huntoness V. Sauder.

Murlyonery U. Lengton . Eusign D. J. R.

From 4 to 8 a. M. Blear, warm and pleasant. Calme and light variable air Barometer ring Thip away to ell tide about 4.30.

Roger Chelles Je, Roger Wells, Jr., Ensign Or. S.M.

n. Is Coleman W. J. M.

From Merid to 4 994.

Cledy and cool with vain and passing showers during water. Light to gutte buezu from 6 by 8, verying to \$ 6 by 6. Flood tide Started frie under brilet 4 at 1 996, for distilling pulpones.

WAG Contact

From 4 to 8 PM.

Light to gutto breeze from Frith. Parthy cleaning last how. Ell tide.

British straw cutter. Fraction distilling with banked fries lunder boiler A ab 600.

General Comments.

Gen Routenant Ou F. D.

Finn & P. M. to Mid.

Sair and cool. Eight to gentle breeze from Forth. Eightning in heavy cloude around horizon. Furning to flood at 11 so Distilling with banked from under boiler A.

Margareny M. Laylon Ensign Q. S. a.

J. B. Me illon, Navigator, Lieutenant Qu. 99.

	LOC	d of	f th	e Uni	TED STATES	This Es	1100	c							T	urd	R	ate.
a	auc	hor	of	l York	TED STATES	g passage to 9	Kary	Yan	ed, Or	corfolk,	Qa.	and	no	ored	to Dock	Chary &	laid	loex
				Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.			lear ths.	Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10t	State of the
		Dida	16	ruet										4				
	A. M.	0	4	Olord	Thejer head.	Calm	0			30.03	68	68	67		b.c.	cum etral	7	
	2				East	Porth	1			30.02	67	67	66				8	
	3				96		0-1			30.01					b.	none.	10	
	4	0	5		996.		0-1			30.01	65	65	64		b.c.	cum strak	9	
	5		9	lack	Turuguig		0-1			30.00	65	67	67		"	strat.	9	
	6	0	3	Ebt.	Olest	,	1			30.00	66	67	66			"	9	
	7	1	0		Ot. N. Ot.		2			30.01	67	67	66			cir. strak	. 8	
	8	1	2	,		"	3			30.02	69	68	66			cum.	8	
	9				9. by s.	Sby W.	3-4			30.02							7	
	10	J.	etten	a under	way	Porth	3			29.99	73	73	68				6	
	11	Sta	rude	ug down	York Rusi		3-4			29.98	74	73	68				6	
	Noon.			1	0		3-4			29.98						-	7	
			-	-														

Course and distance made good since preceding noon by observations kn				
Course and distance made good since preceding noon by observations, known	ots.	ten	iths.	
(Latitude by D. R.	,	"		
Longitude by D. R.	,	"		
Position at Noon: Latitude by observations of ②	,	"		
Longitude by chronometer from Forenoon Observations of ②	,	"		
Latitude by	,	"		
Position at 8 A. M. ("		
(Latitude by	,	"		
Position at 8 P. M. (Latitude by (Longitude by		,,		
Current during the time, knots tenths per hour, setting to the				
Error of the Compass by Azimuth ⊙ observed at , ship's head				
Deviation of the Compass by Azimuth ⊙ observed at , ship's head			variation used,	0
Error of the Compass by Azimuth @ observed at , ship's head		"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head			variation used,	b
Water expended during the preceding 24 hours,	400	gallo	ons.	
Water distilled during the preceding 24 hours,	80			
Water remaining on hand fit for use at Noon,	80	70000		
Coal consumed during the preceding 24 hours,			S.	
Coal remaining on hand at Noon,	29	0 "		
/0	1			-

										1	
P. M.			4.1.								
1	5 6	15.9	96.126.	98.	4	29.96 74	72	71	b.c.	cir.cum.	7
2	2 2	78.6	996/26. 198 % & 10 % %		4	29.94 74	100		b.c.	cur. strek.	4
3	7 0	32.0	Standing up Chaund	South	4	29.90 78	78	71			
4	7 0	39.0	to Fotus Bearn , nofrec De.		4	29.90 78	78	71		-	4
5.	mon	ed to De	co Chang Yard.	Ply 6.	3	29.90 78		100	b.c.d.	aum mint	4
6				West.	3-9	29.94 70	70	66	b.cg.r.l.t.h		2
7			,	East	0-1	29.95 70	100		bast.		2
8				04. 904.	0-1	29.9570			0.0.0.		0
9					0-1	29.95-70			ocalt.		0
10					0-1	29.96 70	100				0
11				1.16	4.6	29.97 69			0. c. g. N.		0
Mid.				I by Ok.	4.6	29.97 64					0
				1		111					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

O'Midwight to + a. M. .

Clear and pleasant. Calme and light airs from Forth. Baroneter falling. This riding to flood tide. Distilling with banked free under boiler A.

Roge Weller fry Ensign V. F.M.

Our + to 8 a.m.

blear and pleasant. Fight airs to guttle berg from Forth. At 50 clock started five in bile is and D. Sitelling with banked free under both it legged in surroung brown and topud in both cutters; con offset and fich, took in speak lune and put stamming crown mais yaid.

Our 8 a. m. to Merid

n. y. Loliman . S. W. Jair warm and pleasant Gentle to moderate breeze from I by & and Thith. Ebb tide Phutteed at quarter at 9 50 a. W. At 9 37 called all hands up anchor at 10.02 how up anchor and started alread on energine above Transman on of Yorktown harbor and draw York Prive the Captain at the cown At 10.03 cat flying jet, get, for topusate statignals main true and eparker, and at 11.15 took them in At 10.45 3 or Parellee at and fork Tipit 3 to the Spit St. ru vauge At 11.48 York Spit Sight on port barne, the unique to be by the (mag), dictant above 11 miles ast course of 8 2 3 be 2) patent log wading 13.1 miles. Their drawigh 13 02 forward 16 with after account of many resolutions of management 3 forward.

M. A. Rakerlore, and the superior of management of forward of the superior of the W. B. Caperton.

Levitewant Q. S. N. Our Merid to 4 4.9m

From 4 to 8 Pm.

Que Receive Qu. J. W. blody and rawing with virid lightning balow to guithe breeze from varying ductions. At 5 30 only heavy squall from Obert, carrying away two belance or door. Duit part standing up now to Ray Jand. Pradu Quebr to Franklin at + 45 got alongeide Chay Yand lock and at 7:00 had ship secured Commander Officer left ship to report ships arrived to the Commonwellant. allowed free to die not under boilers b. and D.

From 8 P.M. to Mid.

Dean & C. M. is Man. Occurant squally and varing. Eight aire from It I I and calm first two hours, to morderate to fresh breeze from It. M. in to M. I had two hours, the temperature filling regirily when which shifted to shorthward Barrouter riving Distilling with banked frie under boler I.

Roger Welles. J.,

Roger Welles. J.,

Examined and found to be correct.

Examined and found to be correct.

J. B. Mo iltere . Navigator.

LOG of the UNITED STATES Phip Essex Moored to Dock, Play Yand, Mirfolk, Va.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			On	ound to Dock	A. A. W.	4-6			29.98	61	61	58		0.e.g.n.	cum wint	0	
2						4-6			29.98					0.0.9.		0	
3						4.6			29.98	59	59	55				0	
4						4-6			29.99	59	59	55		b.c.	"	3	
5						4			30.00						cir cum.	5	
6						3			30.02					"	-	6	
7						2.3			30.04					"	cum.	8	
8					North	3-4			30.05	1					-	6	
9					voice	4			30.12						1	9	7
11					1.16	3			30.13						,	9	
Noon.						3			30.13							9	

Course and distant	ce made good since preceding noon by obse	rvations,	knots.		tenths.
	Latitude by D. R.		. 0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoo	n Observations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	,	"
			0	,	"
Position at 8 P. M.	Latitude by Longitude by			,	"
Current during the		r, setting to the			
Error of the Comp	ass by Azimuth ⊙ observed at , s	hip's head	0		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , s	hip's head	0	,	"
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used, o
Water expended de	aring the preceding 24 hours,		40	0	gallons.
Water distill	during the preceding 24 ho	urs,	70	,	4
Water remaining of	n hand fit for use at Noon,		110		"
Coal consumed dur	ing the preceding 24 hours,		/ tons 2	080	lbs.
Coal remaining on	hand at Noon,		88 " H	50	

Р. М.												
1			Moond to Dock	1.16.	3	30./3	64	64	58	b.c.	cir. cum.	9
2					3	30.13	67	66	58		-	9
3	1			North	2	30.14	68	68	59			9
4				6.16.	2	30.16	68	68	60			9
5					0-1	30.16	68	68	60			9
6				East	0-1	30.08	67	67	61	· b.	none	10
7				\$6.	2	30.08	67	65	60			10
8				,,	2-3	30.08	65	63	59	t.c.	cir. etal.	9
9		1		,	0-1	30.08	58	61	58	6.	none	10
10					0-1	30.70	57	60	57			10
- 11					0-1	30.10	56	60	57			10
Mid.					0-1	30./0	55	59	56			10
-								'				1/2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to # a. M. Overest, cloudy and squally, with nain at time moderate to free breeze from N. S. Baroneter strady.

7. J. Coloman n. J. Coleman Ensign U. J. W.

From 4 to 8 a. M. D'air and cool . Light to moderate been from NN M. at 8.00 loved eail

Montgomery W. Laylor & Migo De & W.

From 8 a. M. to Merid.

Colian cool and pleasant. Senth buys from North to N. V.C. Barmeter vieing. At 9 30 mustered at quarters and dilled the gen and Parter devians with 10 30; Dean 10 45 to 11.45 the 1st and watcher had regular and the 3th watch sails and egars. Delivered to aret Paymaster T. E. Breeke M. F. D. orders from the Play Dept. to proved to Charlewiter and report at now Pray 31 st. to the President of the Executing Bread for reasonation for providing. At 11 20 the Commanding Office left the chip to pay on official call to the Commanding Office of the U.S.S. Detert. Detilling with banked five in brief it. Improvide of magazine 13 found they we working order with a magazine flood covered and found they we working order Kogen Chellish J. Ensign W. G. W.

From Merid to 4 J.M.

Clear and pleasant. Gentle to light been from 6 No. to North. Baroneter resing. at 115 fulled sail, sent below haumined girthink. Thom 1.30 to 3.30 12 and 2rd Benganier of appreciation was distributed at infanting in the Jan. General gauge contamined and lubreated No. 4.4 It wish R. F. Europe Lannary. At 1.30 stopped distilling and allowed from to die out in boiler A. F. Dan Flyck (app 3.0) was transferred to b. S. Daval Hupital, Robert, On. for treatment.

Dr. J. Lo of Eman Ensign W. S. W.

Fin 11 to 8 PM.

Clean and pleasant. Calme and light airs and beezer from E. N.E. to FE. E. J. Flow (Blackmith) left the ship on five days have of absence. Received Oler Europ Ges., J. Janima (Pewetta), J.J. Flechen (Ba) and Eug Fiveren & 1.2 with bags and hamworks and accessary papers from the Coming Step Franklin.

Roger Welles Jr. Ensign W. & M.

Firm & P.M. to Mid. Clear and pleasant. Lalu to light air from FE. B. arometer steady.

N. J. Gofman

Examined and found to be correct.

J. B. Million, Sentenant Qu. F. M.

LOG of the UNITED STATES Thip Essex Moored to Dock, Navy Yard, Profolk, Va.

					0 0		-		U	_		_					1
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			Hear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1				Moored to Dock	£.	2.3			30.10	56	58	55		b.	nou	10	
2						2-3			30.10	56	58	55	133			10	
3						2.3			30.11	56	58	55				10	
4					"	1-2			30.12	56	58	55		b.c.	cum strak	9	
5					,	2			30.07	57	57	.54			cir cum	5	
6					,	2			30.08	59	59	56			cum.	1	
7						2			30.08	63	61	59			cir-cum.	2	
8					-	2			30.08	65	63	60			Cum.	3	
9						2			30.08	67	66	62			mint etre	4.2	
10					6.96	2			30.08	68	67	62			-	1	
11					*	2-3			30.08	70	69	65			1.	2	
Noon.					East	2-3			30.07	71	70	67				1	
							-										

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 1 11
Longitude by D. R.	0 1 11
Position at Noon: { Latitude by observations of ⊙	0 / //
Longitude by chronometer from Forenoon Observations of ⊙	0 / //
Perising at S.A.M. (Latitude by	0 , "
Position at 8 A. M. Longitude by	0 / "
(Latitude by	0 1 11
Position at 8 P. M. Longitude by Longitude by	0 1 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth @ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	300 "
Water remaining on hand fit for use at Noon,	1000 "
Coal consumed during the preceding 24 hours,	/ tons /2 80 lbs.
Coal remaining on hand at Noon,	86" 1410 "

M.										
1	Moored to Dock	East	2.3	30.05	71	70	67	0.0.φ.	Cum simil	. 0
2		1.	2-3	30.03	71	70	67			0
3		9.96	1	30.01				0.0.	4	0
4			2-3	30.00	72	72	.70			0
5			3	30.00	71	70	69	0.0.10.		0
6			2	29.96	68	67	66			0
7		\$8.	2	29.96				b. o.		2
8			2	29.95	67	67	65	0.c.p.		0
9		996.	2	29.94				,		0
10			2	29.93	68	69	67	0.0.9 N. l. t.	nint	0
11			2-5	29.93	68	69	67		"	0
lid.			2:3	2993	68	69	67			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Mednight to 4 a. M. Sleav and cool Light airs to guille breyes from \$6. 13 right starlight.
Onone row about 130 Que Leutewart Q. J. M.

Demo H to 8 a. M. Cloudy but pleasant. Light breeze from FE. Barreter strady Cerewid in Pay Defet. 72 lbs. brad 91/4 lbs. orgitables, and 9.14 lbs. bref, the latter was they prove but came within the contract, so passed inspection.

Roger Chelles Ja.

Roger Welles Jr. Eusign Ob. 8. M. From 8 a. M. to Merid.

bloody and theatening Sight to quite been for F.E. to East. Baroneter steady. Commanding Officer of the stiff paid als official week to the Commanding Officer of the S.F. Religh at 9.30 maintend and inspected at equation. Secund monthly money to affinitive Pengewiture of magazinie 72° forward, 70° off.

n. T. Coleman & S. M. Fine Merid to 4 P.M.

Cloudy with passing shower first two hours of watch Light to gentle bruyer from Each receiving to 9.86. At 1.30 paraded the Infantry Configuration and at 2 P.M. sent them ashow in charge of Link I. B. Black and Energy Royal Cheller Jo., to from part of a battalow which troke part in the decretion at the centery in the grounds of W. I Ravel Lupital. Seems mouthly money to the cen.

W. H. Cuperton, W. Duperton,

From 4 to 8 P.M.

Convered and with name at time thunder and or cassional flactive of lightning butte to light busy from F. F.E. to F.E. Baroneter falling. The Infantry Companie returned on board at 4.45 Asia Connector I H. Buche W. F.M. left the ship to report to the Clay Diple at Variousta Il. for evanuation for pronotion.

From 8 P.M. to Mid. bloody with very heavy fall of rain in aqualle after 9.40 P.M. switch end of watch Light to gutte breyor with stiff equalle about 9.45 P.M. from I.F.

W. Blaperton, Lieutewant U. S. N.

Lieutenant W. J. W.

Examined and found to be correct.

J. B. Millon, Navigator. Switten and U.S. N.

LOG of the UNITED STATES Phip Essex. Morred to Dock, Navy Yard, Norfolk, Va.

					WIND.				BAROME	ETER.	TEME	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	\$6.	3			29.93	68	69	67		o.c.l.	nint	0	
2					South	2			29.93					0.0.		0 4	
3					h	2-4			29.90	68	69	67		b.c.g.l.		0	
5					Calm.	0			29.89	68	68	68		0.0.w.	-	0	
6					94. 30V.	2			29.89					-		0	
8						2			29.92		1			0.0.0.	-	0	100
9			1			2 2			29.92	1 .				0.0.10.	1	0	
11		.,				2			29.89	70	69	67				0	1.0
Noon.					North	2.3			29.89	70	69	67				0	

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	II .
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 ,	II .
	Longitude by chronometer from Forenoon Observations of ②	0 ,	II .
	(Latitude by	0 ,	ıı .
Position at 8 A. M.	Longitude by	0 /	· ·
	(Latitude by	0 1	· ·
Position at 8 P. M.	Longitude by	0 1	
Current during th			
	pass by Azimuth ⊙ observed at , ship's head	0 /	
	Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o
	pass by Azimuth ⊙ observed at , ship's head	0 /	· ·
	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o
	uring the preceding 24 hours,	400	gallons.
Water expended d	during the preceding 24 hours,		"
	on hand fit for use at Noon,	600	
		tons 41	
Coal consumed du	ring the preceding 24 hours,	86 " 10	

. M.	Moored to Dock	16 ly 6	2-3	29.89	69	68	67	0.0	cum steele	a
2		1.104.	3	29.89					ninit.	0
3			3	29.89	69	67	65			0
4			1-2	29.89	69	67	65	0.c.p.	-	0
5		Jr 6.	2	29.89	69	67	65		cir. our	0
6			2	29.88	69	67	65	b.c.	cum . mint	2
7			1	29.87	68	66	64	1		2
8			1-4	29.87	68	66	64	b. c. q. p.	mint.	0
9		1.104.	3.5	29.93	68	62	60	0. c. q. N.	1	0
10			2.4	29.93	65	61	60	0.0.9. m.		0
11			2,	29.93	65	61	58	0.c.p.		0
lid.		JOH.	2.4	29.95	65	59	57	b.e.g.m.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Light to moderate been from 96. and South Dorical and equally with vain last how.

The Sieutenant Ou. S. W.

Converse and vaining balow to light breeze from N. F. Barometer rising. Creeined on board in Dept. of Supplies and accounts the following freely privisions gibble deat 914 lbs. expetables 72 lbs. brad. n A Col Eman

Thom & a. M. to Merid

Cloudy and namy nearly all of watch. Light to gettle breeze from O. I. or oring to North last hour. At 9 30 mustud at Quarters. Period for diels and instruction was ensualed on account of raise. In workness from the Gast at work in braid in the Itam Engineering Department Designation of magazine forward ye; aft 70°. Whilaperton Sinternant Ou S.ON.

Dem Pheriod to 4 G.M. Gentle breeze to light airs from I by E. and I. N. W. Ourcast with light passing rain chowns last how. Forest each at 180. At 3.00 fulled each and each down toggallant raint royal yards. I am man from the Yant at worth in Enginese Dept. and fow in Emitmeter Dept. we among much wrotzer of major mash and capitan. Eccind on brand in Equipment Dept. from water try 2200 gellow of fresh water, after it was tected by the Guigen.

approved:

Commander, M. S. T., Comag.

From 4 to 8 P.M. Cludy, with a moderate rain equal last how. Oxid light from N.E. J.E. Tremen (C. &N) left the chip on fin days leave from to day; and Thomas Perry (B. N. 2.c.) left the chip on seven days leave from June 12. Lane man from the Gad at work on braid until 5 P.M. as in province worth.

M. B. Ph. Le e Lota.

W/ Caperton Lieutewant U.S. N.

June 8 9. m. to Mid.

Stiff to light berry blowing in jently from A. A. W. and A. V. Overeast and cont with passing vain showed, pastly cleaning last lines.

ge Rentenant Q. J. Q.

Examined and found to be correct.

J. B. Me illin Navigator. Secretewant & S. N.

LOG of the UNITED STATES Thip Essex Moored to Dock, Navy Yard, Norfolk, Va.

					WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Sea
A. M.				a . ~	4.00									b.			
1				Morred to Dock	St W.	3			29.94					4.	none	10	
2						3			29.94	59	56	53				10	100
3						3			29.94	58	55	52				10	
4						3			29.94					b.c.	aum etras	19	
5					OH. S. O.	2			29.98						etral.	5	12
6						2			29.98	55	53	51			-	6	
7						2			30.00	55	54	50		-		8	
8					Otech.	2			30.00	58	56	52		-	cir. cum	9	
9						1-2			30.00	59	59	23		-		8	1
10						1-2			30.01	60	61	54				9	10
11					Fouth	3			30.01	66	65	56				8	
Noon.					9.904.	3			30.01	68	67	58		-		8	

Course and distan	ace made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ①	0	,	II .		
	Longitude by chronometer from Forenoon Observations of ©	0	,			
	(Latitude by	0	,	E .		
Position at 8 A. M	Logitude by	0	,	"		
		0	,	u		
Position at 8 P. M			,			
	(Longitude by					
Current during th	te time, knots tenths per hour, setting to the					
Error of the Com	pass by Azimuth ⊙ observed at , ship's head	0				
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	1
Error of the Com	pass by Azimuth @ observed at , ship's head	0		И		
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	,
Water expended d	luring the preceding 24 hours,	40	0	gallons.		
Water Accur	during the preceding 24 hours,	220	0			
Water remaining	on hand fit for use at Noon,	240	0			
Coal consumed du	uring the preceding 24 hours,	tons 4	00	lbs.		
Coal remaining on	n hand at Noon,	86 - 6	10			

M. 1	Moored to Dock	O4. 904.	3	29.96	70	69	60	b.c	Cure cum.	8
2			3	29.94	70	69	60			8
3		394	3-4	29.93	70	69	60	-		8
			84	29.92	70	69	60			8
5			3	29.92	70	69	59			5
6			3	29.92	69	67	59			4
:			2-3	29.92	69	67	59			4
8			2-3	29.92	69	67	59	-	1.	4
9			2	29.97	66	66	58			5
0			2	29.98	66	66	28		-	9
1			2	29.97	65	64	60	b.	none	10
id			3	29.97	64	63	59		-	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From 4 to 8 a. 9 n.

Clean and pleasant. Sight brenze from It N 4 h. at 6 4 5 looud earl to dry and
more year for survey brewind in Dept. of Supplier and accounts 914 lb. fresh brif, 918 lb. full
engetables, and 84 lb. of bradfor issue to crew:

W. A. Capterlow W. H. Caperlow Lieutenant W. S. W.

From 8 a. On to Merid

Sight and to quite brey from Obest Good and III. Fair and phasant Mustered crew at quarter at 930 & O Keef (Ook) was about overtime. Then from the Yard were at work on braid as follow: Fire in Enguin Dept: seem in Construction; two spar makers; and fonten couldnes Link & B. Eageston M. I. W. in clodines to order of the Department reported in the Yard to Suich Condr. 40 Bickell M. R. for duty on a Several Court Reaction. The duty was in addition to his pecual duties D. I Kafe Con returned on braids 3/2 hours continue a Board of Turry of which Commander Frank Relate M. I. W. was Gair Hemeles, while a Turry or various present ferminal grave. Turk 3. Director of apprentices in charge of Directoral Officer, to write chips bullding at Racy Year. Societied Forward and after I was director at Infantry.

Designature of magazine 72° forward, 69° aft.

> Genelous Lieutenant W. S. W.

Fine Merid to 4 G.M.

Leav and cool. I settle to medicate breey from D. F.V. and F.V. 17 Cauchest at work on deck: 10 people in Dept. of Continction and Pepeir and 5 in Dept. of The an Engrueung N. E. Lightfort Country and J. Fillie (B.N. 10) left chip on fin days leav. Exercise 1st and 3.th watcher at eighal and sent it with to mit chips in charge of an office. How off gen that had been energeted during forever. Rubal light

Montgomery M. Yengler - Energy W. S. W.

From 4 to 8 P.M. Sight to quite brey from FU. Blondy and pleasant. Yard men knowled off work at 5.00. Feel on librity party of men ashore. Link & midr 3 M. Air, W. F.M., left the ship on one were known. At 4.10 feeled sail.

Q. R. G. Leitenaul W. S. W.

From 8 P. M. to Prid.

Fair, cool and pleasant. Eight been from F. M. Henry Mr. Lengther Energy R. F. M.

Examined and found to be correct.

J. B. Mo eller Navigator. Suitewant U. S. M. Navigator.

LOG of the UNITED STATES Thip Essex.
Moored to Dock, Placy Yard, Profelk, Pla.

A.M. 1 Phoned to Dock For by & 3 29.97 b4 63 59 b. none. 1 2 3 29.97 b4 63 59 3 29.98 b4 63 59 4 3 29.94 b4 63 59 5 2 29.91 57 59 57 b. c. cum 5 6 2 29.91 57 59 57 b. none 7 2 29.90 b0 b0 56 2 29.90 b0 b0 56 bc. cum 52al 3 9 10 ON FOR 2-3 29.92 71 67 60 110				Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	P	Hear ths.	e Sea.
1 Proposed to Dock Pol by W 3 29.97 64 63 59 b. none. 1 2 3 29.97 64 63 59 3 29.98 64 63 59 4 3 29.94 64 63 59 5 29.91 57 59 57 b.c. cum 5 6 2 29.89 57 59 57 b.c. cum 5 7 2 29.90 60 60 56 8 2.3 29.90 60 60 56 b.c. cum stad 5 9 2 29.92 71 67 60 10 Q. FOL 2.3 29.92 71 67 60	Hour.	Knots.	Tenths.	of Patent		Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
3 29.98 by 63 59					Moored to Dock	SW. Ly W.	3			29.97	64	63	59		в.	none.	10	
4 . 3 2994 64 63 59	2					. 1	3			29.97	64	63	59			,	10	
2 29.91 57 59 57 b.c. cum g 6 2 19.89 57 59 57 b. none 7 2 29.90 60 60 56 8 2.3 29.90 60 60 56 b.c. cum stad g 9 23 29.92 71 67 60 10 Q. Fg. 2.3 29.92 71 71 62	3						3			29.98	64	63	59				10	
6 2 29 96 57 59 57 6 2000 6 5 6 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6	4						3			29.94	64	63	59			"	10	
2 29 90 60 60 56	5						2			29.91	57	59	57			cum	9	
8 2.3 29.90 60 60 56 b.c. cum start 9 2.3 29.92 71 67 60 10 8.992 72 67 60 2.3 29.92 71 62 2.3 29.92 71 62 2.3 29.92 71 62 2.3 29.92 71 71 71 71 71 71 71 71 71 71 71 71 71	6					,	2			29.89	57	59	57		b.	nne	10	
9 23 29.92 71 67 60	7						2			29.90	60	60	56			,	10	
10 ON 994 2-3 29.92 7/ 7/ 62 .	8					,	2.3			29.90	60	60	56		b.c.	cum stra	19	
	9						2.3			29.92	71	67	60				9	
2 29.90 75 73 63	10					Ox. 904	2-3			29.92	71	71	62				9	
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11					,	3			29.90	75	73	63				9	
Noon. 3 29.90 76 74 64	Noon.						3			29.90	76	74	64				9	

Course and distance made good since preceding noon by observations,	knots.	tenths.		
(Latitude by D. R.	0 /	"		
Longitude by D. R.	0 ,	"		
Position at Noon: Latitude by observations of ©	0 /	"		
Longitude by chronometer from Forenoon Observations of O	0.,	"		
(Latitude by	0 ,	"		
Position at 8 A. M. { Latitude by Longitude by	0 ' '	"		
	0 /	"		
Position at 8 P. M. Latitude by Longitude by	0 /			
Current during the time, knots tenths per hour, setting to the				
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	
Error of the Compass by Azimuth ⊙ observed at , ship's head	. 0 ,	"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	
Water expended during the preceding 24 hours,	400	gallons.		
Water during the preceding 24 hours,		"		
Water remaining on hand fit for use at Noon,	2000	"		
Coal consumed during the preceding 24 hours,	tons 4-00	lbs.		
Coal remaining on hand at Noon,	86 " 210	"		

P. M.								cir am.	
1	Moored to Dock	Q1. 994.	3	29.90 79	77	66	be.	strat.	9
2		904.	3	29.90 80				cir.cum.	8
3			3	29.90 80	78	66		-	9
4			3	29.90 80	78	66			9
5			3	Taken down	78	66			9
6			3		78	66			8
7			3		78	66			8
8			3		76	64			8
9		9.901.	2		72	65	00.00		9
10			2.3		71	64	b.	none	10
11			2-3		69	63			10
Mid.			2		68	63	* .		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Cook and pleasant. Gentle been from A. by V. Chaper Cheller h. Roger Cheller h. Ensign U. IN.

Fight to gentle breef from I Ct. by M. Clean and pleasant. Lored earl at 8 00. Checuird on brand in Pay Dept. 72 lb. brad, 88 lb. med 88 lb. negetable.

Gen Receitment Ou & &

From 8 a. M. to Phond Dair and phasant Fight to quetle breeze from 9 h by h and h 4 h. at 8 00 have bad workness brown work as follows: 14 caulkers, 10 shipsoright. I aparmaker and in the Engine rome, it machinists and on helper Landed 1st cutter on the dock. At 1140 finled earl Imperative of magazine 75 forward, 69° aft.

From Presid to 4 P. M.

Clear and pleasant. Lette been from D. It to 8th to 8th The following yard workness employed on brown: 4 machinets, below in Engineer Dept. and 10 carpenter, 2 fortune and 16 cauthers in Emitwetin Dept. At 100 and librity men and appentice on shoo. Toured gag on door for represe nather and white and the ship or fee days bare.

Roger Chelles In.

Energy V. F. N.

From 4 to 8 P.M. Cheav and pleasant Gently beeys from FN. The following Rany Yead workmen engaged on brand until 5 P.M.: 16 caulker, 10 carpenters, 2 factions in Construction and 4 machinists and 1 helper in Engenering. Boys likety party noteward except A. Dehr. Jo. Records Con) left the chip or few stays learn.

Worldgonary W. Merry Co. A. M. Cuery R. A. D.

Fine & G.M. to Olid.

Bleavand pleasand. Light to gette breeze from F. F.M. at 8.30 the Borgand at the gete brught G. Bethe (2pg. 30) or brush, agenting that he had taken him in custry at 5.30 for attempting to enter the gate when under the influence of light.

Roger Weller In Surger W. F. M.

Examined and found to be correct.

J. B. Mg illan S. R. Navigator. Leutewant B. J. N.

LOG of the UNITED STATES Thip Essex Moored to Dock, Chavy Yard, Chorfolk Cha

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT		State of	Forms of	Clear)ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Doct	f ou	0-/		T.	aken d	oun	68	63		b.	none	10	
2						0-1					68	63			"	10	
3					balm	0					69	64		"		10	
4						0					69	64		b.c.	cum.	7	
5				•		0					69	64		b	none	10	
6					OL. 901.	2				-	64	61				10	
7						1					66					10	
8						1					66	61		-		10	
9					-	2.3					75	65				10	
10						3				-	77	67				10	
11					M. by 9.	3					78	67				10	
Noon.						3					79	67				10	
																1	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / "
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of ©	0 / //
Longitude by chronometer from Forenoon Observations of ⊙	0 , "
(Latitude by	0 , "
Position at 8 A. M. Longitude by	0 / //
	0 1 11
Position at 8 P. M. { Latitude by Longitude by	0 1 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1600 "
Coal consumed during the preceding 24 hours,	* tons 400 lbs.
Coal remaining on hand at Noon,	85 " 2040 "

M.							0		
1	Mooned to Dock	C4. 9 84.	3	Taken down	82	68	b.	none	10
2			3		82	69			10
3			3		83	69			10
4			3		84	70			10
5		N. N. W.	1		84	70			10
6		balm.	0		82	71			10
7			0		80	71			10
8			0		79	73			10
9		901.	0-1			72	b.c.l.	cum strat	9
10			1.2		78	72			9
u			3		76	70			9
id.		South	3-4		72	68	6.	nine	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. Om.

blear and pleasant. balm to light breeze from FW.

n. T. Cof Eman Ensign D. J. W.

Sim H to 8 a. M. .

Clear and pleasant. Calm to light breeze from Oh. F. P. Pereind in Pay Dypt.

88 lbs. brif, 88 lbs. orgetabler and 78 lbs. brad.

Worntymery M. Laylur.

Energy D. S. M.

From 8 a. M. to Merid.

Clear warm and pleasant. Gentle breeze from Oh. F. V. to Oh. by F. at 9.00 the

Commanding Office inspected the ship and crew at quarter, after which called all hands aft published

the articles for the Fromment of the Ravy and had querial mutter. B. Kuado (N. K. Cork) absent

without leave. Designation of magyime 72° forward, 69° aft. Flacted to file the boles with fresh water from

the hydraul at the yard.

Reggn Wilson.

From Merid to 4 P. M. Clear and pleasant. Gently brey from 9 . F. at 3.30 held Divise Gener, Chaplani N. J. Mornison from the 9. F. M. F. Franklin officiating. Librity party left the chip.

N. A. Softman n. Norman Eusign U. F. M.

From 4 to 8 P. M

bleav and pleasant. balm. Light airs from N. A. Ch. Thirty party of apprentices returned on braid on time.

Roger Weller fr. Ensign W. 9.

Eum & P. M. to Mid. Cheav and pleasant, distant lightning. Light to moderate bruge from Ch. Il to

n. T. Colima Ensign Q. J. W.

Examined and found to be correct

J. B. Me illow & S. D. Navigator.

LOG of the UNITED STATES Phip Essex. Moved to Dock, Chang Yard, Chirfolk Va.

					WIND.	_			BAROMI	ETER.	TEM	PERAT	URE.			Pear Pear	4
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.			On On	looned to Dock	f. f u.	2			Taken	down	-71	66		<i>b.</i>	none	10	
2						2						66			,	10	
3						2					70	66				10	
4						2					69	65				10	
5						2					67	64			"	10	
6						2					68					10	
7						2					70					10	
8						2					73				-	10	
9					Fly Oh.	1-2						72				10	
10						2						74				10	
11						2						79				10	
Noon.					C4. J C4.	2					85	83		-	-	10	
							-		1		-	-	-			-	-

Course and distance made good since preceding noon by observations,	knots. ten	ths.	
(Latitude by D. R.	0 / "		
Longitude by D. R.	0 1 11		
Position at Noon: Latitude by observations of O	0 1 11		
Longitude by chronometer from Forenoon Observations of ⊙	0 1 11		
(Latitude by	0 1 11		
Position at 8 A.M. Latitude by Longitude by	0 1 11		
	0 / 11		
Position at 8 P. M. Longitude by Longitude by	0 , 1		
Current during the time, knots tenths per hour, setting to the			
Error of the Compass by Azimuth O observed at , ship's head	0 /		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / 1		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0
Water expended during the preceding 24 hours,	200 galle	ons.	
Water during the preceding 24 hours,			
Water remaining on hand fit for use at Noon,	1400 "		
Coal consumed during the preceding 24 hours,	tons 400 lb	s.	
Coal remaining on hand at Noon,	85 " 1650 "		

P. M.	Moored to Dock	Q4. 9 Q4.	3	Taken down	85	83	b.c.	cir. cum	9
2			3		85	83		-	9
3			3		85	83			9
4			3		86	87			8
5			3		88	87	"	-	8
6			2		87	85-			8
7			2		85	83			8
8			2		83	82			8
9			2		82	82	-		8
10		,,	3		79	78			9
11		991.	3		78	77	b.	none	10
Mid.			3-4		78	77			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. M. Stan and pleasant. Bright starlight Philo light from I IN. Whom I are found to have a bettle of againer legion of the property and when exactly was found to have a bettle of againers legion. in his possession W. S. Caperton . Sientenant On. J. W.

June 4 to 8 a. m.

bleav warm and pleasant. Light breey from F. F. W. Elberty men returned on time. Central topsaile and put them on the dock. Peccind in Pay Dept. 87 1/2 lbs. freeh brof, 87 1/2 lbs. freeh negatiables and 70 lbs. freeh broad.

Roger Welles Jr. Eusign & S. R.

From 8 a. M. to Merid

Clear and warm. Light treeze from the grant of the magazine and zith Diview for instruction in the ships bying at the Jack. E. J. Inn (Bland) returned from have. The following men were suggested in work on braid from the Gard. In Bonstruction Treet 29 new and in Engineer Dept 3 new Junguature of magazine 73. January 10° aft. Received in Equip. Exempt Dept 3 hermanities (in Surp.) Red share, Russeld of Magazine 73. January 18. January Clear and warm. Light breeze from Tby & to ON. F. W. at 9.30 mustered at

Our Merid to 4 4. m

I sentle breeze from O. F. D. Bloan and warm. The following Ray Yard workness at work on brand; 22 cauthou, g chepwingthe, 2 machinete and I belger Percent on brand the following stone in Equipment Dept. : 50 year baura, Flat raine: 59 year bourar Flan #4, 15 lbs. Turner Flan, 50 lbs. bolt Roger #4, 306 bolt Roger #5, 30 th Lung Hope, 10 thread, 6 with hung Rope 15 thread, 98 th. Conceline, 54 th. Pranella 15 thread, 50 the Codein, 24 th. Gram Jaw 2 years 50 lb. Exwo Yew 3 yew, 60 lb. Marliw 50 lb Conudine 100 Fait Merdle 60 lb. Exameled Eloth, 1 Bod Word 1 dg. Beth Buck, 1 per. There 1 lay Candestrick, Sim 250 getter start all getter dret are of all 20 20 to the engle 4 dg diet borde, wish but I see a name dynamite Bene and 200 kenning dight bandle. Juned in the following store: 4 force title 30 ort tube 13 metapart 2 Juney annings: 1 h ster Bag 4 broking Bags, 6 Press June and 8 Ounger stope. By order of Brownaudia Office a Magnardt (Gyp. 30) was plant in collary orthunned or broad and with for their days for beauty dry and key feel without permission. At 1.15 cents 3. Twice of generalise though the magnature and Pender and 1 the way for the story to a story to a charge the story to the story t through the elique at the whavere for instruction. Vided magazine flood cooks and found there in unking order. J. B. Million. Sw. Sw.

Oum 4 to 8 9. m.

Bleav and pleasant. Gentle to hight breeze from Q. J. Q. The following blacy yard workness at worse on brown until 5 P. De : 22 cantle of glupunghts, a markimite and chelper. n. T. Coloman Cu. J. M.

Sum 8 P. m. to Prin

blear and pleasant. Bright starlight. Light to quette buyer from & F H. and & H.

W. Raperton.

Examined and found to be correct,

J. B. Me illow, Linterant Ou. F. M.

Third Rate,

LOG of the UNITED STATES Phip Essex Moored to Dock, Prany Yard, Phorfolk, Va.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	J. O. by W.	3		Ja	kew do	w.	75	77		b. w.	none	10	
2					. 1	3					73	73				10	
3						3					72	72			1.	10	
4						3					72	72				10	
5					\$ ON.	2					70	69		b.e.	cum.	8	
6					"	3					71	70			,,	8	
7						3					73	71			"	6	
8						3					75	71				9	
9						3					78	73			-	9	
10			**	-3		3					80	74				9	
11						3				1	82	75				9	
Noon.						3					84	75			-	9	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	" "	
	(Latitude by	0	,	".	
Position at 8 A. M.	Longitude by	0	,	"	
		0	,	"	
Position at 8 P. M.	Longitude by	o	,	u	
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp.	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	ō		variation used,	0 '
Error of the Comp.	ass by Azimuth o observed at , ship's head	0	,	"	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,	
Water expended du	aring the preceding 24 hours,	30	0	gallons.	
Water necession	d during the preceding 24 hours,	190	00	"	
	n hand fit for use at Noon,	300	00		
Coal consumed dur	ing the preceding 24 hours,	tons /	04	0 lbs.	
Coal remaining on	hand at Noon,	85 " 16	010	"	

P. M.									
1	Moored to Dock	9 %.	3	Jahow down -	85	76	b.c.	cum.	7
2			8		86	77			6
3			3		86	77			7
4			2-3		85	76		cir. aum.	7
5		99. 4 NE.	2.4		85	76	6.0.9.	cum mint	. 6
6		N.6.	3-4		79	78			4
7		E. 18.	3.4		78	78	b.c.		4
8			2-3		78	76			4
. 9			2		74	71	b.c.l.		7
10			2		74	72			7
11			2			72	b.	none	10
Mid.			2			72			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Gentle breeze from III. by M. Heavy dev. Bright starlight.

Gen Resistement Ou F. Ok.

no Eusign Cl. F. W.

Juni 4 to 8 a. m Clear and warm. Fight to gettle breef from 99. Received on braid in Dept of Supplies and accounts the following feel province 70 lb. brad, 87/2 lb. mead and 87/2 lb. orgatable A 500 started from under briler A to that the distilling apparatus. n. V. Colsman

Orm 8 a. On. to merid

blear and warm. Gentle breezes from FOI. mustered at quarters at 9.30 a. M. H. Kusts (C. R. Cork) was their day declared as deserter from the 3rd instant J. a. Banett (6 P) was absent our librity. Received from the with boat 1900 gallow field water for ahigu use. The following new from the Play Geod was a work during the watel: It carlhan, g ahiguryakte and I markiniste. The 2 decime of appointing was intructed in the magazinis of this weed and the 3rd. Parch and part of 1th Divine was such about align lying at the Ray Yaid and through the various cloque in the Gard for intruction under the charge of an officer. Line I to be appointed by the dispose the water of the Ray of an officer. I the Ray the harries left the dispose to the western Martin duty. We have The Lecker, U. The returned on brand to receive duties having completed his examination in Charlington D. C. Imperature of magazine 74° forward, 72° aft. J. B. Moillow

From Merid to 4 P.m

Green Merial to 4 9.79. Suite to light breeze from S. N. Frair and warm. Thouhum from Yard at work on branch as in preceding watch. Exercised of and rod burnance at Surfactury Percent on Ford in the Equipment and Continuition Departments from the Steered Strockeyer of the Yard the following manuel strow: Equipment Traph: 2 careto classed line. Construction Dept. 5 the copyer tracks 3°, 50 the Jum abeliac (Conne), 20 getter alcoholo, 2 the brush unbox, 25 th in both bad (dry), 3 the chomo green, 10 the coulding cotton, 2 barr in feel bad 2 x 3°), 1 bar in con (cound 1°), 6 barr in (cound 4°), 2 the brush unbox (vib), 50 feet white oak, 40 feet beact walnut, Incanaferred the accounts of P. J. Rev (Eds) and Or. J. ON: Maughton (Eds) to the Q. I. R. F. Franklin.

G. R. G. W. S. W. S. W.

From 4 to 8 P. Mr. Light to mederate breeze from N.E. and E. N.E. blowing in puff. bloody and pleasant. List I Beginton left the ship on leave of absence until the 9th.

J. B. Mailton, Dieitenant W. J. M.

Leutenant V. J. W.

Funu & P.M. to Mid. Slight beey from E. N.E. Bair and cool. Lightning to Nid. and Ed.

Qual Cheitenant & 392

Examined and found to be correct.

J. B. Me illar, Navigator. Secretural Ou J. Dr.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.		P	Hear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Mooned to Dock	St. St Ot.	3-5		Ja	ken do	V. 11	72.	70		o.c. v.l.t.	mil	0	
2				77000000 20 2000		4					7.0	68				0	
3					NE.	2					68	66		b.o.	cum rinel	9	
4						2					68	66		.,		9	
5						1-2					70	69				6	
6					Gast	1					70	67			cum.	8	
7						3					69	67		0.0.	cum unil	0	IE.
8						3					68	67				0	
9					-	3					68	67		b.c.		2	
10						3					68	67				2	1
11						3					68	67				1	
Noon.				4		3-4					67	66		0.c.w.		0	

Course and distant	ee made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	. 0 /	"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by chronometer from Forenoon Observations of ©	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 1	"
Position at 8 P. M.	Latitude by Longitude by .	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 ,	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used, ° '
Error of the Comp	ass by Azimuth O observed at , ship's head		"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Water expended di	aring the preceding 24 hours,	550	gallons.
Water	during the preceding 24 hours,		
Water remaining o	n hand fit for use at Noon,	2450	"
	ring the preceding 24 hours,		lbs.
Coal remaining on		tons 1760 84" 1090	u.
		, ,	

Р. М.									
1	Moored to Dock	1.16.	3-4	Jaken down	67	65	0.c. av.	cum nevil	0
2			3-4		67	65	0.0.9.		0
3			3-5-		67	64	0. c. g. p.		0
4			. 3-4		66	63			0
5			3.4		64	62	0.0.9.4.6.0.		0
6		6.16.	2-3		64	62	b.c.m.		3
7		16.	2		64	62	0.0.m.		0
8			2		64	62			0
9			3-4		64	62	o.c.p.l.	nink	0
10			3-4		64	62	0.e. 9. a.l.t.		0
11			3-4			61	0		0
Mid.			3		63	61		-	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 12 a. 9. Sentle to fresh breeze from NE and N. N. W. Heavy vain equall frish hour, cleaning last half. Mondagemeny W. Langton May Eneign Qu. S. Q.

From 4 to 8 a. M. Cloudy and pleasant. I settle breeze from East. at 7,00 loved sail to dry. Received on brand in Dept. of Tupplier and accounts for eligis company the following field periorising, 70 lbs. bread, 8715 lbs. bref, 876 lbs orgatables Eye bolt pulled themby the longuist say on the post side, when hanking out clother line.

From 8 a. M. to Merid.

Sentle to moderate breeze from East. Cloudy and damp. Mustered crew at quarter at 9.30. About without leave, J. a. Barrett (EP). Exercised battaline at infantry dill. Them from the Yard at work as follow: 8 Phippinghte and 18 Caulker. Received in Stan Enquering Dept. from the Iseneral Frontesper of the Yard, 90 femiles for biles. Temperature of magazine 72 found 41-46.

Gen R Guitmant Qu. F. OK.

From Merid to 4 9.9m

Cloudy Raining best half South to freel bread from N. N.E. 8 The puright and 15 bauther at 200 kd at the puright and 15 bauther at 200 kd at the property of the control of the second 3.d watcher a control of a list. Paymatter T. B. Brick reported his return from Washington, his examination having been completed. Acceived in Engineer Dept. 200 gallow lubicating it.

Mondginery W. Leugler Ensign Q. F. M.

From 4 to 8 P.M. Onoderate to light bruge from N. N. E. to E. N. E. Oncast with rain during first hour. J. Fellin (B. N. 10.) returned from leave. J. a. B. arrett (b. B) returned 34 hours overtime Rang Yard workness knowled off world at 5.00. General Di Sa

From 8 P. M. to Mid.

Raining whole watch with thunder and lightning Gentle to moderate beeze, bluming equally from No.

Wastanness H. Lewise.

Houlgonery M. Leuplan Ensign Q. J. W.

Examined and found to be correct.

J. B. M. illon Sieutenant & F. W. Navigator.

LOG of the UNITED STATES Thip Essex Movied to Dock, Chary Yard, Prorfolk, Va.

			Panding		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moned to Dock	A6.	3			Jakeno	loun	60	59		O.C.N.	wint.	0	
.2					"	3					59				,,	0	
3				f		3					58					0	
5			1) 14	£	NOV.	3.4					57	55		0. c. w.	eir: um	0	
6					CV. NOV.	2 3						55		b.c.	etral.	6	
8					· (%. 0/ %.	2					59	55			ceese.	7	
9						2					62	1				8	
10					N. N. VI.	2 3					64	60			1	9	
Noon.					Jy. Jy	2						60				9	
																1	

		•	
Course and distant	ee made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	"
	Longitude by D. R.	0	ı ıı
Position at Noon:	Latitude by observations of O	0 1	u u
	Longitude by chronometer from Forenoon Observations of ②	0	"
	(Latitude by	0	" "
Position at 8 A. M.	Longitude by	0	"
	(Latitude by	0	"
Position at 8 P. M.	Latitude by Longitude by	0	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 1	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	variation used, o. '
Error of the Comp	ass by Azimuth O observed at , ship's head	0 .	"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used, °
Water expended de	uring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		
Water remaining o	on hand fit for use at Noon,	2000	
Coal consumed dur	ring the preceding 24 hours,	tons 32	o lbs.
Coal remaining on	hand at Noon,	84 " 770	"
		"	

Р. М.	Moored to Dock	19.	3	30.7/	~./	1.	1-	b.c.	cir. cum.	a
2	(Moored to Block.							2.0.	eum.	9
3			3	30.09					1	
		1.19.	3	30.09	,					9
4			3	30.08				-	1	9
5		*	3	30.08					"	9
6		-d	2-3	30.08	1	,		,	cir cum.	9
7		9°4.	1-2	30.08	,			b.c.m.	strat.	9
8			1.2	30.09		- 1				8
9			1.2			67			cir. cum.	7
10			1-2	30.11	65	65	63	b.c.		8
11			1-2	30. 11	65	65	63	b.	none	10
Mid.			1.2	30.11	63	65	60			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. Overcast and rainy Gentle breeze from N.E. at 12.30 OH to Eglefort (Mew about) returned from leave. Roger Welles Jr. Ensign W. F. M.

From 4 to 8 a 9h.

Producte to light breeze from NOL and Oh. NOL. Frain and pleasant.

Production of coal almosaide at 7 45. Thade preparations for coaling Lovered sail at 8.00 Received on board in Pay Dept. 8712 lbs. frush much, 70 lbs. bread, and 8712 lbs. regetables.

G. R. Gintenant Qu. F. W.

Time 8 a. On. to Merid.

Clear and pleasant. Light to guithe breeze from Ch. N. Ch. and N. N. Ch. Or Chary Gard workness on brand in Construction Dept. Coaling ship taking in about 4.5 true in watch By order of Congression of Congression of Congression of Congression of Congression of Congression of M. Checkeron (B. M. 2) and J. Tuerre (B. S. S. N.) extremed from leave Temperature of magaziner 75° forward, 71° aft. Creeced the following story in Pay Dept.: 600 lb tobacco, 760 lb. condler 2100 lbs. bath water 2024, 125 per chore 300 dg. author bottom, 200 agreether made. 100 overshirte 100 underthete, 100 gare drawns 100 per social 101 year frames. 1018 year chore 300 dg. author bottom, 200 agreethe made. 100 overshirte 100 underthete, 110 gallow brane, 100 lbs. butter, 100 gallow brane, 121 gallow brane, 141 lbs. better, 100 gallow brane, 121 gallow brane, 141 lbs. beckler, 100 gallow brane, 100 lbs. died apple, 173 lbs, tea, 162 lbs, tomatre, 480 lbs. wash hef, 480 lbs. wash mutter, 480 lbs. comed buf, and 2300 lbs. brad.

Meretymery W. Very low . Every D. F. N. From Merid to 4 J.M. Separtment. The following hay your workness engaged on brand, 16 caultien and 3 joners.

Separtment. The following hay your workness engaged on brand, 16 caultien and 3 joners.

Roger Weller J.

Energy & F.

From 4 to 8 P. On.

Clear and pleasant, slight have gathering last half. Fight air to grethe brey from

9 th and b. J. Ot. Nay Year workmen engaged in cauthing foreacte and fitting barrels enables. Fruithed

coaling chip, having taken in 86 th tone.

Hurtyonery the Taylor Houtgomery the Laylor Europe Ol & Dr.

From 8 P. M. to Mid. Chav and pleasant. Eight air and begge from I'M. Barmeter steady.

Roger Chelle, J. Energy U. Lon

Examined and found to be correct.

J. B. Me ilton, Navigator.

LOG of the UNITED STATES Phip Essex Morrold to Dock, Chary Yard, Morfolk, Cla.

			Danding		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moned to Dock	39 4.	1-2			30.12	63	63	60		b.w	none	10	
2				7,017,017		1-2			30.12	61	62	60			,	10	
3						1-2			30.12	61	61	60				10	
4						1			30.12	61	61	60				10	
5					N. N. W.	1			30.16	61	60	56		b		10	
6						1			30.16	61	61	58				10	
7					JOW.	1-2			30.18	64	63	59		b.c.	cum.	7	1
8					1.1.04.	2			30.24					f.	now	10	
9						2.5			30.24							10	
10						2.3			30.24	71	70	64				10	
11					nn E.	3			30.26	72	72	66		lr. c.	cum	9	10
Noon.					N. E.	8			30.27	72	74	67				9	-

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 '	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ①		"
	Longitude by chronometer from Forenoon Observations of	0 . 0 ,	"
	(Longitude by	0 ,	"
Position at 8 A. M.		0 /	"
	on at Noon: Longitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of O Longitude by Longitude by Latitude by Latitude by Latitude by Longitude by Latitude by Longitude by Latitude by Longitude by	0 ,	"
Position at 8 P. M.	Longitude by		"
		0 1	
		0 1.	variation used, o
		0 ,	"
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, .o
Water expended di	uring the preceding 24 hours,	600	gallons.
Water			
Water remaining o	on hand fit for use at Noon.	1400	. "
	ring the preceding 24 hours,	tons	lbs.
Coal remaining on		86 - 168	0 - "

. M.	1.	10 0		1		-					-
1	Moored towork	N.,C.	3		30.18	72	74	65	b. e.	euw.	r
2			3		30.28	72	74	61-	-	1.	8
3			3		30.28	72	74	65			7
4			9		30.26	72	75-	65			7
5		,,	3		30.25	69	69	65			7
6			3		30.25	49	69	65			7
7			3		30.26	68	68	64			6
8		"	8		30, 26	68	68	64		1	1-
9		E. S. E.	2		30,28	66	67	61	b.	horre	10
10			2		30.28	61	66	64	4	4	10
11			1-2		30,28	63	60	63	,	4	10
lid.			1-2		30,29	60	65	63	,		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and cool Heavy dev. Light rais to light breeze from IN. Barometer steady. n. J. Coloman & S. M. From 4 to 8 a. Mr. .
Clean and plus ant . Dight aim to light breey from N. N. M. nand N. M. Receired in Pay Dept . To lbo bread, and 87/2 lbo each of bref and orgitable. Worldonery W. Tuylor -Eusign U.S.M. Virme & a. M. to Muid. Charmeter rising. The following yard new hendloged no board:
Touthers, 2 rilggers, & plender helpers, 2 joints, and, painter.
Therined in Indiance of the 37 mintbeller, 21 hoober holders, 21 herofacet,
Surfacet, 37 carbidge boxes, 6 dill carbidger, for 1 throw, 2 magdian
buckels, 2 large to and blumber. I rescover, (16/14) and Homes Behyllomas
relatived from leare on time. I, it his holoon (6 M. 3 C) overstaying films,
Thut me and main topasils. Received and shipted bow About cap,
the afficientian being pusticated in he rigging of he had book.
Thugsing the pagagine, 11 forward and 71° aft.

Regin Chelles Jr.

Resid to C.M. blear and phonount: Leuth-bruge from N. C. Barretter attady at 2.30 horisted out gather, Sient: J. El Burcell la. S. N. N. p. wied for duly m board, Lawing beha discharged from Li la S. Naval. Hoofield Norgally la. C. D. Hickork (l. M. / L. C.) and bland Mood. (D. M. / L. C.) were placed under charge of Martin at (news) to avoit immediation by black under charge of Martin at (news) to avoit immediation by black monauding difficult. 14 workness on board, in brushineline Department. n. Modeman From 4 to 8 C.M. Islandy bow pleasant. Seule bruge from N.E. Darmeter pliady. - 1. T. Nicholam (C.M. 15) returned from liberty 19/2 vous, overtime. Sent-blifts, cook, all but deck cooks, and bimminary Jeonian, with bosts, hammocks, and was gear (5 to B. T. D. Franklind to remain white half galley is, being put in the ship.

Roger Welles b. Roger Welles &. R. M. Eusigh W. F. M. Finne 8 C.M. to Midnight: lokeler and damp. Light bruge from C. S. C. Farmuler atrady.

N. S. bol sman
Engy With

Examined and found to be correct.

J. B. Me ellon, Navigator.

LOG of the UNITED STATES Ship Ciscy Sund, Marfalle, Don Rate,

			Reading		WIND.				BAROME				URE.			Pear ths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths
A. M.				moned to Lock	E. F. E.	,			30, 29	48	44-	43		b	hne	10
2				moscer is rover	». p. 70.	1			30, 29							10
3						1			30.28	62	68-	4			.,	10
4					lealen	0			30,31	62	65	64				10
5					"	0			30, 31				200			10
6						0			30, 33					,		10
7					S. E.	0-1			30, 34	63	64	61		"		10
8					balue	0-1			30.34	66	60-	63			-	10
9					90%	0-1			30.35	72	71	69			-	10
10						0-1			30.35	72	72	69		b.m.		10
11					South	2			30.36	75	74	69		,		10
loon.						2			30.86	75	74	69				10

Course and distant	ce made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 / "
	Longitude by D. R.	0 / //
Position at Noon:	Latitude by observations of ②	0 / 1/
	Longitude by chronometer from Forenoon Observations of ②	0 / //
	(Latitude by	0 / //
Position at 8 A. M.	Longitude by	0 / //
	(Latitude by	0 / //
Position at 8 P. M.	Longitude by	0 / 1/
Current during th	e time, knots tenths per hour, setting to the	
Error of the Comp	bass by Azimuth O observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Comp	eass by Azimuth ⊙ observed at , ship's head	0 "
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended d	uring the preceding 24 hours,	300 gallons.
Water Agestin	during the preceding 24 hours,	1900 "
Water remaining of	on hand fit for use at Noon,	3000 "
Coal consumed dur	ring the preceding 24 hours,	tons — lbs.
Coal remaining on	hand at Noon.	170 "2130 "

. м.									1	
1	Moned to Dock	Porth	2	30.36	79	79	72	6.	none	10
2		*	1-2	30.36	80	79	72			10
3		Orest	2	30.34	81	80	71			10
4			2	30.34	81	80	71			10
5		9. by 6.	2	30.32	78	78	77			10
6			2	30.32	76	76	72			10
7			2	30.32	75	74	72			10
8			2	30.32	72	71	69			10
9			1-2	30.32				b. m.		10
10			2	30.32	72	71	69		-	10
11		9.9.04.	2	30.3/	70	69	68		-	10
Mid.			2	30.30	70	69	68			10

, U. S. Navy. . 18 94

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

mid b- 4 a. M.

high airs from G. B. B. and Calm. lokear and pleasant. J. B. Mollow, Link.

From 4 to 8 a. M.

Darnuter wind pleasant Galum and higher variable airs.
Barnuter wing & Found railing launch, 24 culter, whate-book and dingly, and of 7.01 all he show left her ship and went abound he Pricewing ship manyshim for heateflast returning at 8.00.

Obga Welles for the state of the ship was the ship and the ship and the ship are the ship and the ship are the ship and the ship are the sh

From 8 a. M. to merid

Generally clear and pleasant balm to light beeze from 991 to Inate Barometer steady At 10 o'clock known alrand shin gettey Received on brand in Egyppined Department, I Familia Machine. Finished couldning decke this a. M. The following Gard mess were regard on brand: 4 marchiniste and 4 lelpers on gally and 14 coulders beginn to brand 1900 gallow fresh enter Designation of magazine 75° forward 71° Africa con and appendic such a dunior on B. J. R. F. Franklin. Reversed on brand store in Ordnan Department as follows: (case of blue founds in Compan 4", 1 apongs had 4" rand or targets. Suint Comids & Mr. Vice and Sient. Oh B. Caperton, returned from learn. N. J. Coleman Energy W. S. W.

From Merid. to 4 P. 9W.

H. Gorman, Coscuairo. W. Klaperton,

Elean and pleasant Fight breen from F. by E. Barometer steady. Received on board apare parts for the galley. Eight Kay Yerd workness on board setting up galley. Theye are and appendice with to supper on Ob. F. B. F. Branklin. n.J. Colsman

From 8 P. M. to Mid. Clear and pleasant. Eight breeze from 8. by 6., oracing to 9.8 %. Ohorknew from the Yard at work on brand on the gally. M. Ragan (gyp. 3.4) returned on brand 31/2 hours over leave.

Leitenant Qu. 3. M.

Ensign U. J. N.

Examined and found to be correct

J. B. M. illin, Navigator. Levitenant & P.W.

LOG of the UNITED STATES Phip Essex Moored to Dock Chary Yard, Norfolk, Cla.

Third Rate,

Reading of Patent Log.	COURSES STEERED by Standard Compass. O'ROTIED to Deck	Direction by Standard Compass. F. F. W. F. W. Calma	7 / 2 / O	Heel.	Leeway.	Height in inches. 30.29 30.29 30.29	69 69	69	67	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
	Morred to Dock	f %.	1-2			30.29	69	69	67		в. nv	nove.	10
			1			30.29	69						1000
							1	69	67			13.33	10
		balm	0										10
						30.29	68	69	67				10
			0			30.30	68	68	67		le le	-	10
			0			30.34	69	69	67				10
		OL. 901.	0-1			30.36	70	69	67			-	10
		balm.	0			30.37	72	70	68				10
			0										10
		£.0%.	1-2			30.38	78	76	72				10
			1-2										10
			0-1				1						10
			Calm.	ваги. 0 - 0 Ф. W. 1-2	balm. 0	Calm. 0	balm. 0 30.37 - 0 30.37 \$.W. 1-2 30.38 - 1-2 30.37	bulm. 0 30.37 72 - 0 30.37 76 \$.04. 1-2 30.38 78 1-2 30.37 78	6.21m. 0 30.37 72 70 - 0 30.37 76 74 \$.94. 1-2 30.38 78 76 - 1-2 30.37 78 77	6.21m. 0 30.37 72 70 68 - 0 30.37 76 74 70 \$.94. 1-2 30.38 78 76 72 - 1-2 30.37 78 77 72	6alm. 0 30.37 72 70 68 - 30.37 76 74 70 5.0%. 1-2 30.38 78 76 72 1-2 30.37 78 77 72	balm. 0 30.37 72 70 68 - 30.37 76 74 70 \$.04. 1.2 30.38 78 76 72 1.2 30.37 78 77 72	-balm. 0 30.37 72 70 68

Course and distance made good since preceding noon by observa	tions,	knots.		tenths.		
(Latitude by D. R.		0	,	"		
Longitude by D. R.		0	,	"		
Position at Noon: Latitude by observations of ②		0	,	"		
Longitude by chronometer from Forenoon (Observations of O	0	,	"		
(Latitude by		0	,	11		
Position at 8 A. M. Longitude by		0	,	"		
(Latitude by		0	,	"		
Position at 8 P. M. Latitude by Longitude by		0	1	"		
Current during the time, knots tenths per hour, s	etting to the					
Error of the Compass by Azimuth ⊙ observed at , ship	's head	0				
Deviation of the Compass by Azimuth O observed at ,	ship's head	0	'	variation used,	0	,
Error of the Compass by Azimuth O observed at , ship	's head	0	,	"		
Deviation of the Compass by Azimuth ⊙ observed at ,	ship's head	0	,	variation used,	0	
Water expended during the preceding 24 hours,		30	0	gallons.		
Water during the preceding 24 hours	3,			"		
Water remaining on hand fit for use at Noon,		270	00			
Coal consumed during the preceding 24 hours,		tons	-	lbs.		
Coal remaining on hand at Noon,		170 "21	30	"		

P. M.	Moond to Dock	NO4.	,	30.37	82	82	75	b.m.	none	10
2			,	30.36	82	82	75			10
3			1	30.36	82	82	75			10
4			1	30.36	82	82	75			10
5			0-/	30.35	85	83	76			10
6			0-1	30.35	83	81	76			10
7		balm	0	30.35	80	80	76			10
8			0	30. 37	79	76	79			10
9			0	30.37		1		f.w.		10
10			0	30.37		1				10
11			0	30 37	75	74	74			16
Mid,			0	30.37	,			-		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. PM. Sight breeze to light rais from F. I PM. and I'll and value blear and cool. Heavy dev. I Varnock (b. 6. 9 nate) returned on brand 17 hours overtime yard men finished work on gally at 300. G. R. C. Leintewant Qu. S. Dr.

From 4 to 8 a. M. .

Bleav and warm. balow to light aire from Ob. F. D. Brarometer riving. Phipse crew and apprentices went to breakfast on Ob. F. B. Franklin.

7. I led small n. of look sman

From 8 a. M. to Merid.

Clear and warm. Calm and light airs from FA. at 9.30 had dursimal inspection, after which the Captum inspecter ship and course quarters. The allanta came in at 10 o'clock and moved to what also of us. Temperature of magazine 74 forward, 72 aft.

W. Raberton

From Merid to 4 P.M. Light air from N. St. Clean and warm. Plumoved and winded ship between 3.00 and 4.00, bringing port side to Dock. Q. P. Centewant Qu. F. En.

From 4 to 8 P. M.

Official with upon the Commanding Official with air from NO. The Cantain paid an official with upon the Commanding Official with all the Otlanto. W. D. Caperton. Lentewant Qu. S. M.

From 8 P. M. to Mid. balow and clear. Heavy deer. Bright movelight.

General Chi & M.

Examined and found to be correct.

J. B. Me itton, Navigator. Leutenant M. S. M.

LOG of the UNITED STATES This Essex Third Rate, Moored to Dock, and Making passage from Norfolk Pa. to Presiport RD

_						-		0	U	7	U	-			-		
			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	Hear	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	balm	0			30.34	74	75	73		b.w.	none	10	
2						0			30.34	73	74	73				10	
3					Fel.	0-1			30.34	72	72	71				10	
4						0-1			30.34	71	71	70	1	- "		10	
5					Calm	0			30.33	70	71	70		,		10	
6				**		0			30.36	77	72	70				10	
7						0			30.37	71	73	71				10	
8					-	0			30.37	73	74	72				10	
9						0			30.39	77	77	73			-	10	
10						0			30.39	80	80	73				10	
11					Aly ON.	1			30.39	83	80	73				10	
Noon.					1	0-1			30.39	84	82	74				10	
																1	

Course and distance	ee made good since preceding noon by observations,	knots. tenths.
	Latitude by D. R.	0 / "
	Longitude by D. R.	0 1 11
Position at Noon:	Latitude by observations of ①	0 1 11
	Longitude by chronometer from Forenoon Observations of ⊙	0 / "
	(Latitude by	0 , "
Position at 8 A. M.	I angitude hu	0 / "
	17 - Bearing and distance how have been	36056, N."
Position at 8 P. M.	Latitude by Bearings and distance from Gago Henry Longitude by	76000, %. "
	e time, knots tenths per hour, setting to the	
	ass by Azimuth ⊙ observed at , ship's head	0 (
	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
	ass by Azimuth o observed at , ship's head	0 1 11
	ompass by Azimuth ⊙ observed at , ship's head	o variation used, o
	uring the preceding 24 hours,	600 gallons.
Water Acceur	during the preceding 24 hours,	980 "
Water remaining of	on hand fit for use at Noon,	3500 "
	ring the preceding 24 hours,	tons /600 lbs.
Coal remaining on		170 " 2130 "

Р. М.				moored to Dock	A. N. C.	0-1			24 44	9.1	0/	41	f.	none	10
1				Trooted to Electo	J. 00 G.				30.37					nune	10
2				"	*	0-1			30.37					-	10
3				Getting underway		0-1			30.35						10
4 5				Standing down the	46.	0-1			30.35			*	b.m.		10
6					East	0-1			30.30						10
7				Elizahth Run 698.126.	96.	1			30.29			,	,		10
8			38.3	6.96.126.		1			30. 28						10
9	6	4	44.7		Fruth	3	0	0	30.27						10
10	6	4	51.1	"	9. h, W.	3	0	0	30.26						10
11	6	5	57.6	4	J. 9 01.	3	0	0	30.26						10
did.	6	6	64.2			3	0	0	30.26					-	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Clear . Falling dew . Calm, recassional light air from 991.

Devell. Trentmant Q. J. M.

Our 4 to 8 a. m.

Chade preparation for sea. Barometer using slowly. W. Blaperton Leutenaut & J. M.

Prom. 8 W. M. to Merca.

Stight aire from Is by the and calme. Clear and warm. Turned enquise over from

10.15 to 11.15, and found them in good order. Bent for topmast stayeail jet, flying jet, toppgallant early and royals and erosed any at and toppgallant yards. Yard workness at work or gally received on brand in Equipment Dept. 980 gallow of fresh water from a water brat. Phaking preparations for sea Temperature of magazines 81 forward. 46 and 2.

The contraction of magazines 81 forward. 46 and 2.

The contraction of magazines 81 forward.

Gum Merid. to 4 G.M blean. balme; occasional light airs from I 10th. Theretican blight from I 10th.

Theretican balme; occasional light airs from I 10th.

Theretican blight airs from I 10th.

Theretican break of gratter at 300 for muster. Occasional from II. I be Frankling. Jou Diena Junke (Oh Book), with necessary transfer payers. Infinish solitary by when of bonusauding Office, & Or. Birtoth (D. Mr. 10th) five days on break airs mater for leaving land without permission and bring church on duty; also I Orok (B. M. 10th) five days about without permission and bring church on duty; also I Orok (B. M. 10th) five days double wow for leaving the Bay yaws wirthout permission. At 3.55 called all boards unmoor ship. At 3.55 catasts sugine actain. This days drawight forward 14 feet 5 wisher and 16 feet b where aft. The ming with free under lotter A. B. and D.

Lieutewant W. J. M. Oum 4 to 8 P. M. Very bayy, balus and light air varying from No. to Jo. at 4.00 left the Racy Gerd and stood down Andrew Baunel the Commanding Office coming; at 5.30 extend Bampton Rosale; at 6.25 Thinks Host Light born about and est come 6.76 % 6. (p.c.) At 8.00 took departure, beginning training Fly & Ta Ob (p. e.) dietant 1 mile . Put one petent log wading 38.3. Technic boate for sea . Under et am alone . Steam present 57 lbs. Revolutione 41.4. Roger Welles Jr.

From 8 P.M. to Mid Hazy and pleasant. Gentle breeze from Forth to J. F. 20. at 8.20 est jet for topmast stayeril and epanher. At 10.15 est toperale and foreid. At end of watch under steam with free under bilew H. & and D. and the following earl: jet for topmast stayeril, foreid, toperale and epanher, or conce 6. F. 12 6. Than presence 58 lb. Revolution 45. 4. Apprentices at the wheel

n. J. Coleman & Energy QU. J. W.

Examined and found to be correct.

of the UNITED STATES Ship Essex Making passage from Overfolk, Va. to Orewjart, a.d.

Third Rate,

South. 6.96.126. 1-2 0 30.38 73 72 72 70 0 70.9 9. by 2. 0 30.39 72 72 71 70 77.1 2 0 0 30.39 72 73 71 70 83.5 J. 904. 89.2 2.3 0 0 30.38 73 72 71 70 994. 2 0 0 30.26 72 72 70 70 b.e.m. W. 9 04. 2 0 0 30.27 72 72 71 70 93.5 \$ Q1. 95.6 2 0 0 30.28 75 72 71 70 Q1. 994. 0 30.28 76 73 72 70 2 0 2 97.8 2 0 30.28 76 75 74 70 5 99.3 30.28 76 75 74 75 0 /00.3 2 0 0 30.27 76 76 73 76 96 0 0 30.27 76 76 73 76 2.3

65.2 Distar	ice new by Patent Log.
Course and distance	e made good since preceding noon by observations, 971-6.
	Latitude by D. R.
Desition at Moon.	Longitude by D. R. Latitude by observations of ©
Position at Noon.	Latitude by observations of ©
	Longitude by chronometer from Forenoon Observations of G
Position at 8 A M	Latitude by D.R. from Departure at 8 P.M. June
A STATE OF THE PARTY OF THE PAR	Longitude by Overview
Position at 8 P. M.	(Latitude by D.R. from born Longitude by Chronometer from afternoon observat
	Longitude by Chronometer from afternoon observation
Brror of the Compa	time, 13 knots tenths per hour, setting to the 6 ass by Azimuth O observed at 40%, ship's head 98%.
Deviation of the Co	ompass by Azimuth o observed at # G. %., ship's head
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head
Deviation of the Co	ompass by Azimuth © observed at , ship's head
Water expended du	ring the preceding 24 hours,
Water	during the preceding 24 hours,
Water remaining or	n hand fit for use at Noon,
Coal consumed duri	ing the preceding 24 hours,
Coal remaining on	hand at Noon,

	68 knots. tenths.	
	36 038 · N. "	
	74 041 ,94. "	
	36 . 38 . A. "	
	74 028 , 94. "	
	36041.1.1.	
	74 0 35 , 94. "	
	36 034 . N. "	
9	74 0 12 194. "	
	4 . 36 . 04.	
	2025 & variation used, 5015 9	
	0 1 11	
	o variation used,	
	300 gallons.	
	2700 "	
	3 tons /846 lbs.	

166 " 930 " .

P. M.															ai		
	0	9	25	96	C4. 101.	2	0	0	30.26	78	78	75	78	b.o.m.	am.strat.	8	9.
2	1	0	206			2	0	0	30.26	79	80	76	78		-	8	
هور	·sp.	1	200	· .	NOH. by OH.	2	•	0	30.24	79	80	77	78			8	
4	1	0	2.8		val.	2	0	0	30.24	78	80	77	78			8	
5	1	0	3. 1		NE. by E.	2	0	0	30.24	75	77	75	77			8	
6	0	5	Hauled:		, "	0-1	0	0	30.26	76	77	75	78	bom.		8	
7	No	etee	vagewa	y		0-1	0	0	30.26	77	78	75	78			8	-
8				No steerageway	balm	0	0	0	30.26	77	78	75	75		cir. oun	8	
9				. ,	Ja. and Old.	0-1	0	0	30.22	76	77	74	75	b.c.m.w.		6	
10				.,		0-1	0	0	30.21	76	76	74	75	"		4	
11						0-1	0	0	30.20	76	75	74	75	,	.,	4	
Mid.	1	5		98.	901. by 04.	1-2	0	0	30.20	76	75	74	75			4	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

bloav damp and pleasant. Sight airs from South and Fly & bourse & . F & 1/2 & . (po) . At 2.55, braving new 45 miles suice taking departure, stopped fining up and allowed from to die dam. This under steam, jit, for topmast etapoail, topicalle, forwail and expanter. At 3.05 parend so steamer standing to the Wa. More set at 1.0 close. Arrage etam sells.

Arrage revolution 41.3 appentices at the wheel.

Leeutenant U. J. N

Light breey from FU. and Or FU Frain and pleasant Hazy around horizon. Imorth eea. at 4.07 stopped enginer and unempled propeller. allowed free under boder to die mt rawd banked free under briler A. at 4.30 eet topgallant earle and royale. Tet flying jit at 7 30. At sud of watch under for topmast stayeril and all plain sail to eggle except mainerail. apprentices at the wheel.

From 8 a. M. to Merid

Que Centenant Ou. F. %.

Cle plain sail to royale at such of watch. Ence & F. L. E. with 10.30 set single respect manusail.

All plain sail to royale at such of watch. Ence & F. L. E. with 10 o'clock, when it was changed to F. (ps.) Banked free weden briles of Alg. 30 mustered at quarter and Exercise Devices as follows: 1st, 2nd, and 3rd R. J. Gime; Sander Division, Statione at 10.45 exercised all hands shorten earl and bring ship to anchor. At 10. 35 hauled in patent log reading 1.6 thate and at now put it one again same registry. Pragine temperature, forward 77°, 72° after 75°, 73° apprentice at the wheel bleaved bilger dected magazine flood cooks and found them in working order. Burul

Own Merid to 4 P.M

Lieutenant U. J. W.

Mity . Light breeze from Dr. A. Dr. to A. Dr. Barometer falling . at 12.50 exercised at man overload lowered life boat in 1 minute peckets up bury in 3 minutes handed up covered and came to with the fore yand rebook. Despet standard life boat to test detaching apparatus, finding it worked will. From 115 to 2,15 first with had mailinguite seamanching and eighel and the third worked crossed the space enjulied toppelland yand with my was a 2,45 seems out feel water, called the division to quarter with bago which were shifted, and the duty bago sembled Branked free in bales it. ab 1.55 took in apraker. apprentices at the wheel.

broger Welles, In, Eneign W. F. W.

Hezy and warm balow to hight breen from NE by E. at 4 20 hauled down fore togenest stayout and at 4.35 took in concer in order to brish clother lines. At 70 clock fulled light sails and took two single refe in toperale . I muched exculting clother and bags at 5 o'clock . At end of watch under jet rand toperale with two single refer without steerazeway. Some FE. Bauted free under botter A. Dieteling. apprentice at the wheel.

M. J. Col rman

Leutenant D. & N.

Our 8 P.m. to mid blondy and damp. Light aire from I'd and I'd until 11.45 when a hight breeze apring up from F IV. by IV. No steeragemy until 11.15. Course F 6. Under same sail as at end of previous watch. Tiething with banked fries under biles it. apprentices at the wheel. 80 18 Vaperton

Examined and found to be correct.

1. B. Miller. Navigator. Lexitenant & S. R.

LOG of the UNITED STATES Thip Essex Phird Rate, Making passage from Phorfolk, Va. to Chewport, A.S.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of	P	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1	6	9 9	Hauled is	\$6.	39 .	2	0	0	30.19	77	77	74	79	b.c.l.	Cum. reinel	7	8.
2	2	2			Of est	2.3	0	0	30.18	77	77	74	79			6	
3	3	0			St Qt.	4	0	0	30.16	76	76	74	8/	0.c.p.l.	mint.	0	
4	4	2	3.1			5	0	0	30.16	75	75	72	81		cum nint	0	
5	3	8	9.3	4	A. N. 24.	4	0	0						0.0.40	nint.	0	4
6	5		15.0		,	4-5-	0	0	30.20		1.					0	
7	4	1	19.5		All by N	4	0	0	30.20	75	74	72	80	4	/.	0	
8	1		20.8		N.N.E.	2-3	0	0	30.18	76	75	73	80	0.0.		0	
9	1		22.5		404.	2-3	0	0	30.18	79	77	74	80			0	
10	,	0				2.3	0	0	30.18	79	78	74	80			0	-
11	2		26.0		A by 24.	3	0	0	30.18	78	79	75	78	6.c.m.	cir stret	8	-
	4					3	0	0	30.17							8	

42. 8 Distance run by dog	
Course and distance made good since preceding noon by observations, \$77826.	80 knots. tenths.
(Latitude by D. R.	36 0 10 · N "
Longitude by D. R.	73 0 38, 04. "
Position at Noon: Latitude by observations of ⊙	360 19 · N. "
Longitude by chronometer from Forenoon Observations of ②	78004, 04. "
	360 251 N. "
Position at 8 A.M. Latitude by D.R. Jenn Nrm Longitude by Observations	73011,94."
(Latitude by D. R. from Norw	36002, 1. "
Position at 8 P. M. Latitude by D. R. from Norw Longitude by Cheministry from Afternow Observation 0	72031, 04. "
Current during the time, 29 knots tenths per hour, setting to the Ayo:	5.
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth @ observed at , ship's head	o variation used,
Error of the Compass by Azimuth © observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth © observed at , ship's head	o ' variation used, o
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	800 "
Water remaining on hand fit for use at Noon,	3000 "
Coal consumed during the preceding 24 hours,	1 tons 14 40 lbs.
Coal remaining on hand at Noon,	164 " 1330 "

P. M.															cir.		
	3	8	33.9	9.6.	N. NO4.	4	3	0.	30.19	79	82	77	8/	b.o.m.	cum stuat	4	3.
2	3	5	37.4			3	3								cir eum.		-
3	3	0	39.2		Q4. N. W.	3.2	3		30.13						cir.	4	
4	2	5	41.7		,,	3	3		30.13							4	
5	3	7	45.4			3	3									4	
6	4	0	49.4		I by OH.	3.4	3							b.c. m.	cir. eum.	4	
7	3	6	53.0		1	3.4	4							b.o.m.w.	The same of the sa	4	
8	2	0	55.0			3-4	4							0.e.m.4		0	
9	,	5	56.5	,,	16.	2	0							b.c.m.	1327700		
10	1	5	57.7			1.2	0	1						f.m.		10	
11			59.1			2-4	5							0.0.m.		0	
Mid.			60.0			5.6	5							b.c.m.			
												-					

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to H a. M. Sight breeze from 991. frist hour, vering afterwards to NI and increasing to a stiff breeze From first half, with bright moralish. Ourcast last two hours, with passing rain almore. Dightning to Nid. and Vid. But one fortunt leg at 3.30 reading 3.1. Thilling with fire banked under briles it as end of witch under jit and topsails with two single reef.

Appendix at the wheel.

From 4 to 8 a. M. Derical and cludy . Passing abover first three bours. Light to stiff buy from NO. byth. to 4. 46. Cours JE. (y.c.) at 4.30 short refer out of topicals. At 20 est topicalise acile, world and flying jet, and this tail with jet at rud of watch. Distilling with first backed under boiler 4. at 5 o clock green a back standing N. N.E. aggrentices at the while

Drow 8 a. M. to Chend.

Slowdy but pleasant. South bury varying from North to N. Barmeter steady.

At 9.30 mustered at quarters and tuned in clean bags. Drow 9.30 to 10.40 had general exercise, sails and spens; shortened soil to bring ship to an archer, furth in sail and thur made all each in 4 munits.

Drown 10.45 to 11.45 the fresh and third watcher had instruction in running egging.

Distilling Banked free in briles 4. at end of watch under jit, flying jit and equal each except mainsail, on cross 36 (pc).

Appendicio at the volub. Temperature of magazine 74, 72 formed, 77-73 oft.

From Oneside to 4 9 90.

Stay and pleasant. I sentle to light breeze from Oh. 4 90. to 4 90. Fenerge & 4 90.

and dity clother. At sud of watch under all plans earl to enjuly except manifect and equally on conce.

S. E. Bishling with banked from in biler 4. appendicio at the wheel.

N. D. Coleman.

From 4 to 8 P.M. Elendy leavy and damp Gentle to moderate breeze from N. by Or. Energy Q. F.M. took in and facility leavy and damp Gentle to moderate breeze from N. by Or. Energy are \$6. Ge) at 6.50 took in and facility leaves and expecte and struct from just the surge south from braked under like N. This or less come F.E. Ge) at end of watch undergit two surges well in topicale and foresil. Appuntices at the whal.

W. H. Laker low.

From 8 C.M. to Mid.

Light aire to light brey from No. first half, increasing to fresh breze at end of writch. Clear with bright moralight first two house, oversall and cloudy last two bays around bright. Detelling with fire banked under balant. The web if watch under same sail as at end of preseding watch. approxime at the wheel Stopped divilling at 11 o'clear and allowed free to die at under balant. Einternah a fire to Leuternah a fire to f

Examined and found to be correct.

J. 13. Million Navigator.

LOG of the UNITED STATES Phip Essex Making spassage from Profolk, Va. to Recopert, R.S.

			- 4	0 0	. 0	-	_	1	1	-	-	- 1,	-		-	-	
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of		Hear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	-0	,		F&.	₩.E.	5.6	5	0	30.15	74	74	73	74	b.c.g.		2	.11
1	3	0	62.8	v 6.	w G.	5-6	5									4	- N
2	3	2	65.0						30.13					"	,	,	
3	3	4	65.0			5-6	5	0	30.10	73	73	72	76			6	"
4	3	5	67.2			5.6	5	0	30.09	73	73	72	76	-		5	
5	2		69.6			5	5	3/4	30.15	73	73	73	77	0.0.		0	
6		4	1			5	5	3/4	30.15	73	73	72	76	"		0	
7	3	8	76.8			5	5	3/4	30.15	73	72	70	76			0	
8	3	6	80.4			5	5	3/4	30.17	73	73	70	76		-	D	
. 9	4	0	84.4		NE. by N.	5	7		30.18					0. c.m.	cum.	0	
10	5	4	89.8		116.	5	7	0	30.18	73	73	70	76	b.o.m.		1	Q.
11		2	92.0	96. ly E.	NE. ly 6.	5.6	7	5	30.18	74	75	70	76			2	
Noon.			97.6	96. 49.		5-6	7	1/2	30.18	74	75	70	76	b.c.		5	

78.6 Dit	are new by Patent Log.	
Course and distan	ce made good since preceding noon by observations, 948 6	86 knots. tenths.
	(Latitude by D. R.	35 0 32 · N. "
	Longitude by D. R.	71 0 56 194. "
Position at Noon:	Latitude by observations of ②	35 0 22 · N. "
	Longitude by chronometer from Forenoon Observations of ©	71 044 194. "
Position at 8 A. M.	(Latitude by D.R. fund None	35 036 . N. "
Position at 8 A. M.	Longitude by Olympum Lind.	71 0 56 194. "
	(Latitude by I R. firm Norm (Longitude by Chummuter from afternow observation)	3501711.11
Position at 8 P. M.	Longitude by Chumometer from afternom observation	71 057. 9. "
Current during th		
· Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the C	Compass by Azimuth O observed at , ship's head	o variation used,
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended d	uring the preceding 24 hours,	6 0 0 gallons.
Water distil	led during the preceding 24 hours,	400 "
Water remaining	on hand fit for use at Noon,	2800 "
Coal consumed du	ring the preceding 24 hours,	tons / 280 lbs.
Coal remaining on	hand at Noon,	164" 450 "

						-			1									
P. M.																		
1	6	1	3.7	98. ly 9.	A. N. G.	5.6	7	1	30.17	74	76	70	76	b.c.	cir. cum.	5	R.	
2	4	0	7.7	J. NOV. 1/2 Ot.	16. by 6.	5-6	,	6	30.16	74	73	67	76			5		
3	0	1	8.0			5.6	1	8	30.15	74	72	67	75			5		
4	0	6	8.4			5.6	1	8	30.15	72	71	66	74			5		
5	1	2	8.5	1.191.		5.6	6-10	4	30.20	72	71	66	75			6		
6	1	5	8.5			5.6	6-10	4	30.22	71	70	65	75			6		
7	1	4	Hauled in .			5.6	6-10	4	30.25	70	69	64	76			6	.,	
8	1	6				5.6	6-10	4	30.24	70	69	64	76			6		
9	1	4				5	6-10	4	30.24	70	70	64	76		cum.	8	Mr.	
10	1	4				5	6-10	4	30.24	70	70	63	76			8		
11	1				,	5	6-10	4	30.24	70	70	63	76			8		
Mid,	1	4				5	6-10	4	30.24	70	70	63	76			8		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Chady to clear. Stiff to fresh breeze in equally from NE. Moderate sea from NE. Comm FE (gr.) Under jet, forwait and double refred topsaile Patient bog not registering correctly, due to sea wood forling propeller. apprentices at the wheel.

Chim 4 to 8 a. M.

Herell Lieutenant W. J. W.

Ourcast Tiff brey from N.E. Baroneter vierig. Under jet, doubte reefed toperale, foresil on every T.E. (p.c.). appendicts at the wheel.

From 8 a. M. to Merid.

Koger Welles, for Enign W. F. M.

Convair and bazy at first cleaning toward latter part of watch. Itely to fresh been from NE. by N. to NE by E. Baroneter steady. Thodewate to rough new from NE. This rolling and pitching convoluently, maximum observed well so?. At 9.30 mixtured even at quarter and tuned in clean bannocks, and from 9.45 to 11.40, 1st and 2rd Dinims were instructed in seamouship knothing audi explicing, baile and apace by directional officers. At 8.45 turned refs out of togracle, and set for togrand stational. At 8.15 ast manisail intl as engle ref and set aparter. At 10.15 took in manisail book to rich main tograils to the mast and lovered less life book to picts up cat. At 11 o'clock arrital life book and through ship on her energy for At seed of writch under all plane will to togracle trappended need in manisail with for tograces stayment in marine with for tograces stayment by the wind no pool took hading \$6. by 9. Comes \$6. Appendicion at the whole Temperature of magazines 77- 442, forward, 76: 74: , aft.

From Merid to 4 P.M.

n. J. Coleman, Eusegn U. J. N.

Prair and pleasant. Itiff to feel breeze from N. N. 6. mening to N. 8. b. 6. Concer \$6 (pc) 2 or 16 in manual at 12.30. At 19.90 were alip, after which had for storm etaperil and the storm muzzew. The 3th and 4th periode were destroyed to use destroyed the town and for the storm to and 1.30 shortened each from class we find main topsail and layed ship to me standard tack under for topmack staying for storm storyands, class useful main topsail and storm mizze. It so exercised all both current at their station for arming and and analy all both for the three secrets. The appendices at the wheel This welling depty at time to a range sea from Vid and 60. Outcome will to become 18.20 and to unaddread 82. Ed. Extreme well to becurred 180 and to unidward 80.

Dem 4 to 8 4.9%

rentenant U. J. M.

Full to feel breze from NE by E. Frair and cook. Rough era. This willing deeply at intender at 5.30 hauled not foot of main trypaid. Tend draw royal yards at 7.15. We seed of watch trying to under fore topmad stayeail for atom stayeail, clav neefed main topease, fool of main tryeail and atom muyen. apprentices at the whiel.

From 8 G. M. to Mid.

Quite Gent M. S. N. bleav. Fiff brey from No by E. Fea moderating. Laying to under same sail are preceding writch. a stramer precede about 9.15 heading to Fd. and Wid appointment at the what.

Dercell, Lewtenant W. J. R.

Examined and found to be correct.

J. B. Melten, Navigator. Lieutewent & F. R.

LOG of the UNITED STATES Thip Essex Phird Rate, Making passage from Profolk, Va., to Cheupport, R.S.

			Reading		WIND.				BAROME	ETER.	TEM	PERA?	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M. 1	21	2	Hauled in.	N. 18 94.	N E. by E.	4	7-10	4	30.26	70	69	63	74	b.c.	cir.cum.	9	T.
2		2				4	6-10	4	30.29	71	69	64	74			8	
3	1	2				4	6-10	4	30.28	71	69	64	74		1,	8	
4	1	0	-			3	15-15	4	30.29	70	69	64	74			9	
5	1	0		104. by 1.		3	10-10	2	30.29	70	69	64	74			8	
6	1	0		. 0		3	10-10	2	30.30	70	69	63	74		"	8	
7	0	2	-	A by 94.	-	2	7-10	4	30.33	70	70	64	74			7	
8	0	2		1/2 %.	6.16.	2	5.5	4	30.35	70	71	64	74		-	8	-
9	0	4		It by 04.	-	2	5	6	30.36	70	71	64	75			9	
10	0	4				2	8		30.35							8	
11	0	4	8.6			2	5	6	30.36	72	72	65	75			9	
Noon.	2	0	10.6			2	5		30.36							9	

32. 3 Distance run by Log. Course and distance made good since preceding noon by observations, J. 69.94. 33 knots. 35 0 23 ' Jr. " Latitude by D. R. Longitude by D. R. 72 0 14 19. " Position at Noon: Latitude by observations of O 35 0 33 'N. " 72 0 23 1 94. " Longitude by chronometer from Forenoon Observations of ② Position at 8 A.M. Latitude by D. R. fum Now 35 0 32 1 Jr. " Longitude by observation 72 020 '04. " Position at 8 P. M. Latitude by D. R. Juny Now Oftenson observation Oftenson observation 35 0 45 'A. " 72031124. " Current during the time, / 2 knots tenths per hour, setting to the \$37 20. Man. Deror of the Compass by Azimuth © observed at 8.20(1982), ship's head J. Ly W. 50 12 94. Deviation of the Compass by Azimuth @ observed at 8.200.9., ship's head variation used, 6000 24. 0 48 6. From of the Compass by Azimuth @ observed at 3.34 (994, ship's head J. 1/294. 5° 59 ' W. " 0516 variation used, 6000 . 24. Deviation of the Compass by Azimuth O observed at 3.31 (9,9%, ship's head Water expended during the preceding 24 hours, 400 gallons. during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

164 ** 210

P. M.																	
1	2	0	10.6	1. /2 04.	6.48	2	4-6	2	30.36	73	73	66	76	b.c.	cum.	9	d.
2	2	2	10.7						30.36						cir. cum.		
3	2	2	10.8			2	8.6	2	30.36	73	73	66	76		-	9	
4	2	0	10.8	Sorth		2	4.6	2	30 36	73	12	66	76			9	-
5	1	7	Harled in	1.46.126	Gaet.	2.3	3.5	2	30.36	74	72	66	76			9	
6	1	3			6.96.				30.35								
7	1	0			96. h, 6.	2.3	3.5	2	30.35	74	72	66	75			9	
8	0	7							30:34							9	-
					f. 6.				30.84				,			9	
10	0	6		6. 8.	-									,		9	
11	0	6															
Mid.	0	6	-													9	
-																	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M

Clear and pleasant. Moderate to gentle breef from N.E. by & Barometer rising. Moon set at 2.30. Appendice at the wheel. Lying to under fore topmach and fore atom staysails, class refed main topsail, etono muzzin and for of main trysail.

Coger Welles Jr. Energy V. J. Nr.

From 4 to 8 Q. M. .

Gartially cloudy and pleasant. Fight to gentle breeze from N. 6. by 6. Barometer riving. Ship colling considerably to long with from N. 6: maximum observed will re? . At end of watch include for topmant stampaid, for atom ataquaid, main tripials into head hauled down alone rafed main tripials and stown migro, lying to in starboard tack heading & 12 N. 6 micr 6. by N. apprentice at the west.

From 8 a. M. to Merid

n. I. los man Eurign U. S. M.

blear, warm and pleasant. Breeze light from 6. No. Breeze 6. by b (gc) At 9.30 mustred at quarters At 9.45 bleared ship for action, then wish to General quarters and invented crew. Somewhold and after Pande division ready in 2 minutes 20 execute, Rangetone division ready in 3 minutes 20 execute, Nangetone division ready in 3 minutes, to minute and 6 minutes 10 execute, respectively. Therefore, a second of the state of the second of ahij ab 10.27 Ab 10.30 took in main trypail and rubent fore storm stayail and storm migril and stord About below. I the previous was devoted to blacking out reefs in topearly and making earl to topigallant early with emple need in manuarib. At end of watch ship by the wind on starboard task under four topeness stayial and all plain said to topicallant early everyt surgle rest in mainsaid. At 11.14 pert was patient lear reading 8.6 miles. Apprentises at the while Designature of may your 77°, 74°, forward, 76°, 74° aft F. Perry (2. W. 2. c.) and J. M. Johnson (yea) regented the expiration of their terms of reliction. W. B. Caperlow.

Orm Merid to 4 P. 9 Light bery from E. V.E. Clear, warm and pleasant. Eng will from Nid. and Ed. By the wind on starband tack under same sail as at end of greeding watch. Instructed 1st and 3rd vatcher from 1.15 to 3.30 to 3.40 and 3rd security five alaum and excrement of five planes and survey and lutreating and lutreating the book of the property of the security and lutreating the book of the security of the second of the security of the second of the security of the second of the sec

Johnson (German) were good in fell and honovably discharged the former with Continuous Teiner Certificate No. 9728. apprentices at the wheel.

Oum 4 to 8 J.M.

garbean, Lieutewent U. J. M.

Blean Light and gentle begg from East to FE. by E. Concer E. by N. By the world under all plain sail to topgellant each with engle negled manusail until 7 P.M., when topgellant each world fully and toppails doubt negled boated in justice by at 5 P.M., regestering 10.8 knote. appendice at the wheel.

From 8 9. M. to Mid.

Lieutewant U. J. M.

bleav and pleasant. Eight brey from 96. Barometer falling. Ander double refer toperally single refer manusail, jet, for toperant stayant rand expansion by the wind on the standard tank. Some 6. by A. (pc). apprentices at the which.

Examined and found to be correct.

Roger Welles, Jr., Ensyn V. J. N.

J. B. Me eller Navigator.

LOG of the UNITED STATES Ship Essex Phird Rate, Making passage from Profolk Cla. to Prewport R. I.

			1	0 0	U		. ,				U						
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1	15/	53	Hauled in	6 by 14.	Fly 6.	3	3.5	1/2	30.3/	72	71	66	75	b.c.	cum.	7	9
2	1	4				3-2	3-5		30.31							7	
3	1	3	_			3-2	3-5		30.31							7	
4	1	5			9.99.	3-2	3-5		30.30						cum etral	7	
5	1	0				2	3-4	0	30.30	71	70	66	75		civ. eum.	5	2
6	0	6			PW.	1	3-4		30.30							5	,
7	1	2			Q. 9Q.	2	7-5		30.31					.,	"	7	
8	1	0				2	7-5	0	30.33	72	70	66	75	-		7	4
9	1	4				2	5	0	30.33	72	70	68	75			7	
10	1	4				2	5	0	30.34	74	73	69	74			6	
11	1	6				2	5	0	30.35	75	75	70	73			4	
Noon.	1	6			99. by 94.	3	5	0	30.35	75	75	70	72			5	
		~ (0	1											

30. 8 Distance run by Log. Course and distance made good since preceding noon by observations, \$28 - 6. 42 knots. 35 051 1 1. " Latitude by D. R. Longitude by D. R. 72 0 08 194 " Position at Noon: Latitude by observations of O 36 0 09 1. " 71 0 58 9. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by J.R. from John
Longitude by Pseuvation 30 0 07 1 1. " 72005 94." Position at S. P. M. {Latitude by D. R. Jum Vern | Position at S. P. M. {Langitude by Education of furn afterward observation of 3601514. " 71 023 . 94. 11 Current during the time, 17 knots tenths per-hear, setting to the \$\mathcal{A}\$. 20 \cdot \hat{\hat{6}}\$. Error of the Compass by Azimuth \(\text{O}\$ observed at 3.3 \(\text{O} \frac{\hat{N}_{\text{o}}}{\text{shp}} \) shp's head \(\frac{\hat{6}}{\text{c}} \). 8 . 27 . 04. Deviation of the Compass by Azimuth ⊙ observed at 3.30 Pm, ship's head 3 ° 52 'W. variation used, 7 ° 00 W. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used, o Water expended during the preceding 24 hours, 450 gallons. during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1950 tons 240 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 163 " 2210

P. M.									1								
1	2	3	Hauled in	6. by N.	9.904.	3	0	0	30.31	75	75	70	77	b.o.	cir. cum	5	2
2	2	6				3	0		30.29							7	-
3	2	5				3	0		30.28							7	
4	2	9	10.2			3.4	0	0	30.25	75	75-	70	76			8	
5	2	5	12.8		991. ly 9.	3	0	0	30.25	75	75	70	76			8	
			15.7			4	0		30.25							8	
7	3	5-	19.5			4	0		30.25							9	
8	3	3	22.8			4	0		30.25							9	.,
9	3	1	25.9	-	8.94.	4			30.29					-		8	
	3					4	0		30.30							8	
11	3	7	29.6			4	0		30.31							6	
Mid.	3	7	31.5			4	0		30.3/							9	
		,		}		4	0									9	

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m

Faith clowdy and pleasant. Throulight at time. Light to gentle breye from Fly E to I. I'M. Baronite steady. At 3.15 took in synaher. Thom set at 3.15. let end of watch under double reefed topsails, foresails single reefed manifail, for topmart staysail and jit, on course E by 4. apparatices at the wheel. n. J. Colman

From 4 to 8 a. Mr. Servally clear and pleasant. Ohind light from I. I'M arring to D. I'M I'M and and from 6.96. appendice at the whal. Ander same each we at end of previous watch. We Eurign W. S.W. Cerus G. by N. (p.c.) Will aperlow.

From 8 a. M. to Merid.

Leutenant U. J. W. Eight to gutte brey from ON. 49h and 44 by W. Fair and pleasant On conce 6. by N. under same sail as in preveding worted. By order of Commanding Officer released from confinement 6. 9. Health (On N. 14), and 4. 8 ord. (18.11.14). The trust trust having experies. Apprentices at the wheel Temperature of magazine 77: , 74 forward, 76 , 74 aft.

From Merid to 4 4.9m.

blear. Gentle to moderate breze from F. 98. benev E. by b (g. c) Purder same sail as in presenting watch . At 1 P. 90. pepid up all bage. At 1.30 inspected bage by Divisional Officeis and took account of clothing and small ston requisions! Phrase Peny B. 1.20) and J. M. Johnen Pen 12. substant to sever for three years from this date. Oppositions at the wheel.

Sientenant & 90.

Shear and pleasant. Moderate brey from Folly I. Barometer steady. At 6.30

fuled maineal, took a enigle ref in foresail and sent down topgallant yards. At end of
water under jet, fore topmast stayeast doubte refre topasses and enigle refre foresail. Conses

8. los le get master scheme passed at the wheel. Comput out hilge. A four master bedomen specied active etauding

Roger Welles, I. Firm 8 P.M. to Mid.

Bleav and pleasant. Bright moonlight. Product bery from S. M. Baroniter ricing. At 10 o'clock bauled in potent log and found it ful; cleared it and put it our again reading 25.9. A red of watch under double refred topeacle jit, for topmach stayail and single reefed foreiail on course E. by N. apprenticie at the wheel.

n. J. Coleman & J. M.

LOG of the UNITED STATES Thip Essex Phia Rate, Making passage from Norfolk Va., to Newport R.S.

	-	-		0 0		U	_	_	_						_		
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	34	7	31.5	E. by N.	FW.	4	0	0	30.26	73	73	72	76	b.c.w.	cir.	9	2
2	4	5	36.0			4	0		30.27	1	1	,	1		,	9	
3	4	5	40.5			4	0		30.29		73	1	76	,	.,	9	
4	4	7	45.2			4	0	0	30.29	73	73	72	76	"		9	
5	4	3	49.5			4	0	0	30.29	73	73	70	75	b.c.	cir. cum	6	4.
6	4	5	53.3			4	0	0	30.28	73	73	69	75			8	
7	4	4	57.3			4	0	0	30.29	74	73	70	76		cum.	4	
8	4	1	61.0			4	0	0	30.30	76	77	73	76			4	
9	4	0	63.7			4	4	0	30.30	76	76	72	76	b. 3	none	10	
10	1,	2-	65.6	1.191.	Q. F. W.	4	4	3/4	30.29	76	77	72	76		-	10	
11	3	4	67.9			5	5	2	30.30	76	77	73	76		1	10	
Noon.	3	5	71.1			5	5	2	30.30	77	78	74	76			10	
	0/		~		-												

86.4 Dista	we new by Log.		
	e made good since preceding noon by observations, 169 6	. //6 knots. tenths.	
	Latitude by D. R.	36 · 37 · Nr. "	
Position at Noon:	Longitude by D. R.	70 0 21 '04. "	
rosition at Noon.	Latitude by observations of O	36°49'N "	
	Longitude by chronometer from Forenoon Observations of C	69043194."	
Position at 9 A M	Latitude by J.R. from Noon Longitude by Observation	36 ° 40' dr. "	
Position at 8 A. M.	Longitude by observation	70 ° 21 'W."	
Position at 8 P M	Latitude by D. R. from Nomi Longitude by Chromometer from Afternoon Observed	37 006 W. "	
rosition at 61. M.	Longitude by Chromometer from afternoon observe	tim 0 69 0 53 . Ch. "	
Current during the	time, 32 knots tenths per hour, setting to the M	66° 6.	
Breer of the Compa	ass by Azimuth O observed at 3. 30 P.M., ship's head N. N. A	y A. 11°14' %.	
Deviation of the Co	ompass by Azimuth O observed at 3.30 Q.M., ship's head .	4 ° 47 ° W. variation used, 9 ° 00	18.0
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 , "	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	
Water expended du	ring the preceding 24 hours,	400 gallons.	
Water	during the preceding 24 hours,		
Water remaining or	hand fit for use at Noon,	1550 "	
Coal consumed duri	ng the preceding 24 hours,	tons 240 lbs.	
Coal remaining on 1	hand at Noon,	163 " 1970 "	

P. M.			73.3	1.494													
1	1	0	74.3	1.04. ly 1.	04.9%.	5	5.10	1	30.30	78	79	74	76	b. c. m.	cir.	4	N
2	2	6	76.9	. 1		8	5-10		30.28							5	
3	3	٥	79.9			5	5-10	1	30.219	79	79	75	76			9	
4	2	4	82.3			5	5.8	1	30.29	79	79	75	78		eir.cum.	9	
		8	85.1		994. by 94.	5.6	7	1/2	30.25	79	79	75	78		cum.	8	
6	2	7	87.8			5.6	7	1/2	30.25	78	78	74	78	*	-	4	
7	2		89.0	,	-	5.6	6	1/2	30.25	77	77	73	78	6.0. m.w.		4	
8	1	8	90.2			4.5	6		30.25							4	
9	2					4.5	7	3	30.26	76	76	73	80	b.c.w.	cum rivel	3	
10			Thouland in			4.5	7	3	30.26	76	76	73	80		-	4	
11		2				4.5	7	3	30.26	76	76	73	80			4	-
Mid.	2	4				4.5	7	3	30.26	76	76	73	80	~		4	

Gen Rosence

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and damp. Bright mornlight until 3.30, when more set. Products breve from Feb. Course E. by N. (pc) Long will from Feb. and Old. This under jet for topmark stayeail, double refre topeacle and single respect foresil. Apprentice at the wheel.

From + to 8 a. M. .

Onoderate breeze from IN. Fair and pleasant. Under same said as in preceding watch. appendix at the wheel.

Lieutenant U. J.W. Orom 8 a. M. to Merid Concer to N. A. M. p.c. and set ejanker. Ender same sail as in providing watch with the addition of the spanker. Product sea from Md. It 9 so inspected at quarter. Commanding Officer inspected ship and ceur. appendix at the while I emperature of magazine 7° 74°, forward, 76°, 74° eft.

Herrall, Eustmant & J.M. Bavoneter steady. Under jet for topmach stayearly and expender stayearly engle region for topmach stayearly patent by reading 73.3. appendices at the wheel. At end of watch two brigantines in eight my post ham. Own Merid to + P.M.

Roger Welles Ja. Oum 4 to 8 P. M. Elmdy and pleasant. Ouch to moderate breef from I'M by & Brannette steady. Exchanged colone with 'an English brigation which passed action heading to His and Ed. Made bugitude signal (International) but rectived no answer. At 6 o'clock fueled foresail and for tograph, claw suffed main tograph and set main trypail. It send of watch under jet, for tograph claw suffed main tograph, main trypail and epauler, brading conce Net by M. appendicte at the wheel.

From 8 P.M. to Mid. Energy W. F.M. Slow of the steering rain Mordente to stiff been from F. N. by M. Mentre cloudy and ecude preeny over from F. and Old Ship on concer N. M. by N. (p.c.) under some sail as at send of previous watch appendice at the while Hauled in patulo by at 9.15 m account of its bring falls.

W. Kaperton. W.B. Saperton. .. Sintenant W. J. R.

Examined and found to be correct.

LOG of the UNITED STATES Thisp Essex Third Rate, Making passage from Photolok, Va., to Decemport, R.S.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	29				Au 1 -						,						
1	1	6	Hauled in	So Ch. by St.	9%. by %.	4	5	3	30.32	75	76	73	80	V.c.	cum aine	4.4	M
2	2	0		. 0		5	5	3	30.32	75	76	73	80			4	
3	2	0			(W. F. W.	4	5	3	30.31	75	76	73	80			6	
4	2	0	-			4	5	3	30.31	75	76	73	80			8	
5	2	2			9 9. by 94.	4	4	3	30.30	75	75	71	79	"	cir.cum	6	8
6	2	2			. 0	4	4	3	30.29	75	75	71	79			6	
7	2	0			,,	4	4	3	30.31				70			7	
8	1	7			Q1. FU.	4	4	3	30.33	72	73	70	69			6	
9	2	0			904. by 94.	3	4	1	30.34	73	73	70	72			6	-
10	2	0				3	4	1	30.35							9	-
11	-	-		Laying to		3	0	-	30.36	74	74	71	70			9	
Noon.	0	6		9.46.		3	2	1	30.36							9	
		, 6	Υ.	new by Log.													

Course and distan	ce made good since preceding noon by observations, J 15 6.	75 knots. tenths.
	Latitude by D. R.	37 ° 35 'A. "
The state of	Longitude by D. R.	37 ° 35' M. " 70 ° 02 'M. "
Position at Noon:	Latitude by observations of ②	38 002 1 1. "
	Longitude by chronometer from Forenoon Observations of ⊙	69 020 194. "
	(Latitude by D. R. home Now	37 058 1 N. "
Position at 8 A. M.	Latitude by D. R. from Noon Longitude by observation	69017194."
	(Latitude by D. R. from Norw	37 0 40 . W. "
Position at 8 P. M.	Latitude by S. B. from Nome (Longitude by Chemometer from afternoon observation of	680 16 94 "
Current during th	e time, 43 knots tenths per hour, setting to the \$\sqrt{152}^2\delta\$.	
Om.	bass by Azimuth o observed at 8.200.9%, ship's head N. W. 3/4 N.	8 ° 34 ' %.
Deviation of the C	Compass by Azimuth O observed at 8.10 (%, ship's head	1 ° 17 ' 04. variation used, 9 ° 40 ' 94.
Breor of the Comp	bass by Azimuth O observed at 3.40 P. 10, ship's head \$6. ly &	8 . 59 . 04. "
Deviation of the C	compass by Azimuth o observed at 3, 40 0 %, ship's head	3 ° 48 ' 6. variation used, 10 ° 12 ° %
Water expended d	uring the preceding 24 hours,	3 5-0 gallons.
Water	during the preceding 24 hours,	
Water remaining of	on hand fit for use at Noon,	1200 "
Coal consumed dur	ring the preceding 24 hours,	. tons 240 lbs.
Coal remaining on	hand at Noon,	163 " 1730 "

P. M.		-	91.4												cir cum.		1
1	4	5	93.4	98.12 9.	9°U.	5	3	1/2	30.35	76	76	73	71	b.c.	cum stist	7	9
2	5	0	98.0	96.149.		5	3	1/2	30.35	76	76	73	71			7	,
3	8	0	3.0	96.1/2 6.	\$01. ly 9.	5	ð		30.35							7	
4.	5	2	8.2	96. ly 6.	9.964.	4	3		30.35						civi.cum.	y	
5	5	1	13.3	. •		4	4		30.36						strat.	+	-
-6	4	7	18.0			4	4	3/4	30.37	75	75	73	75			6	
7	4	4	22.4			4	4	3/4	30.37	74	73	71	72			4	
8	1	7	24.1	96.126		3-4	3		30.35					"		5	
9	2	2	26.3	96. by 6.		4	3		30.36					b.cw		7	of.
10	2	4	26.9			4	3		30.36						cum.	5	
11	2	2	28.9	96. 6, 6.12 6.		4	3	1/2	30.36	75	75	73	79		-	4	
Mid.	2	0	31.0	96. ly 6.		4	3	1/2	30.37	75	7.5	73	70	0.0.		0	-

Heren,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Stiff to moderate breez from IN by W and Ch I Ch. Frair and pleasant Bright mornlight. On corner & B. by W. under fit, for topmart staysail, main trysail, exauker and clove refile main topsail apparation at the wheel.

Lieutewant Q. J. M. Orom + to 8 a.m. blean. Revolute breef from II by M. and Oh. I M. Commer N. Ch. by N. Good Pender same sail as in preceding watch. Thom set about 4.15 a. Mr. apprentice at the Tokel Temperature of sea water fell enddedly 9° at 7 a. Mr.

Leutenant U. J. W. Oum 8 a. M. to Merid -blear and pleasant. Gentle breeze from IN. by W. Barometer riving. at 9.30 mustered at quarters. At 9.45 called all hands now topgallant and royal yards, and made each to royale, ahaking out all refu except a single reef in manual . For it the main tryiail At 10.10 for hauled ship and bright her by the wind on the starband tack heading I Fo at 10.45 eighting semething that appeared like the bottom of a ship how to with the main aback howeved port life brat with Link Bajuton in charge who found the object to he a bagu dead eferm whate Krited life brat about 10.40 and filled away on the starband tack at 11.45. Apprentices at the wheel. Temperature of magazine 77°, 74° forward, 76° 74°, aft.

bloger Welles Ja 96. by 6. Apprentices at the wheel. n. J. Colman

Eusign U. J. W. Orom + to 8 9.9%. Oran 4 to 40 M. .

Dair damp and pleasant. Mordents breeze from 9.40. Onoderate sea from 9ds. and
Ord. At 6.45 took in and fulled topgallant earle and regals and stond flying jet took two single
refer in topeable me self in foresal and send some topgallant and royal garde. apprentices at
the whell. Comin 90 by 4 (pc.) At end of watch come ship by the world on starband tack, under
jet, for topmast staysail, two single refer topsails, single reef in concess and against a furtion.

Lieutenant U. S. Or. From 8 P. M. to Mid Othorderate breeze from F. F. Sh. bloody with more ahoung at intervale free three bones orweast last how. By the word or starband tack under jet, for topmast etaysail, main trysail, against example reefed concer and double reefed topsails. Let the man trysail at 8:10. apprentices at the wheel. Quark Ou Lieutenant V. 90.

Examined and found to be correct.

Third Rate,

LOG of the UNITED STATES Thip Essex Making passage from Norfolk, Va to Newport R. of

			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.	40.	U		08/8	day 1 d		-	"				~-		b.e.			.0
2	1	7 8	32.0	96.12 €.	9 % by 9.	4	5		30.37					v.e.	eum.	3	3.
3	2	0	33.9		,	4	4		30 .37					"	"	3	
4	2	5	34.0			4	4		30.37							2	
5	2	5	34.3			3	3	11/2	30.42	75	75	74	79	,	Cum min	4.3	
6	2	0	36.3	96/29.	JW.	3	3	1/2	3043	75	75	73	79			1	
7	1	3	36.9	96. ly 9		3	3	1/2	30.44	75	75	72	79		"	1	
8	1	5	37.5	96.	99. by 9.	3	3	1/2	30.45	75	75	72	79			1	
9	1	9	38.2	96.129.	,0	3	3	1/2	3046	75	75	72	79			2	10
10 .	1	6	38.2	96.		3	3		3047						·cir. cum	4	
11	2	1	38.2		9.9%.	3	3	1/2	30.49	77	76	72	79			y	
Noon.	3	3	41.5	6.96.	S by 24.	3	4	1/2	30.50	77	76	72	80		-	8	-

68. 7 Distance run by Sog.

Course and distance made good since preceding noon by observations, 98726.

(Latitude by D. R. Longitude by D. R.

Position at Noon: { Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A.M. Latitude by D. R. from Norw Longitude by observation

Position at 8 P. M. Latitude by D. H. from Norw Longitude by D. B. from Norw

Current during the time, 70 knots tenths per hour, setting to the 168 - 6.

Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at

Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

140 knots.

37 030 'N. " 67 0 38 . W. "

37056. N. " 37 058 · N. "

66 025 94. " 37 057 · N " 66 0 40 · W . "

variation used,

400 gallons.

800 tons 240 lbs

163 " 1490 "

P. M.																
1	5	7	47.2	& by I	South	4	5	1/2	30.49 77	76	72	80	b.e.	cum.	4	9
2	3	0	50.9	જ કે મુક	894. by S.	4	5		30.48 77							
3	4	9	55.8	West.	8 by 24.	4			30.4877						2	
4	3	8	59.6	O4. by N.	9.9.2.		5	1	30.46 77	76	72	79	b.c.w.		2	
			63.4	,	,,		4	1	30.46 77	76	72	79	b.c.	circum.		
			67.4	04:14 N.			4		30.46 76					stret.		
			71.0	Hest	9. by 2.		4		30.46 76					"		
8	3	0	78.6	04.12 g.					30.46 75							
9	2	9	76.2	94.1/2 N	9.9%.				30.47 74				,	cir. cum	7	
10	3	0	78.9						30.47 74						,	
11	3	2	81.2	"	"				30 47 74						4	
Mid.	2	6	82.1	OX 14 M.		3	4	1	30.4774	75	71	79		1.	4	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Cloudy. Moderate breeze from IN by G. Conse IN by S. By the wind under same sail as In precising watch. Apprentices at the whal.

From 4 to 8 a. M. Lieutenant N. S. R. Chandy. Gentle breeze from IN. to IN. by J. Baroneter resing. Under jet, for topmant stayeail, directe regid topmant, enigh reefed courses main tryshil and apparates, by the wind on starboard tack. Course IN. by I (p.) apparatuse at the whel.

Drow 8 a. M. to Merid

Partly cloudy and pleasant. Gentle brees from \$7 to \$1 to \$14 M. Baroneter rising. At 9 30 mustered cleir at greaters and had durenal instruction, until 10.45. Chargator's division regards sparse topgallant yards as crosspack rand. At 11 15 called all hands cross topgallant and royal yards and made all plans said to hydre. At end of water under all plans said to royal except such seef in manusail with for topmas stayant heading 6.96. Course 50 h. J. Coppenties at the while Designature of magazines 78.75. Forward, 76.24, aft.

Desta magazine and shell room flood cooks and found them in working order.

Enough Reviol. to 4 99 M. Change and pleasant Moderate breezes from Forthe overring to 5:39 the bones 99 h. by 5 (p.c.) at 10 clock for hauled chip and brought her on port tack at 2.25 took in and fulled explice and stand flying jil. 3 m period, the 1 m watch had dismounting Hotelekie Reflew and to 12 kevborne and with watch had mailuspeks examinable and exquale : 4 m period from 2.30 to 3.15, 14 watch had same as 3 to puriod and also mailuspeks examinable and with watch had grunny; 5 m period from 3.30 to 40 clock 1 watch had below had and log and with watch had lead and log. Summer dang engaged in orcharding and lubricating it Months 43, of the after starband it R. 3 kinn By rates of Captain J. H. Johnson was rated from Granus to German to date from June 17, 1894 We end of watch ship on port tack by the ward indee for topmast stayeard and all plain earl to top gallant earls, except enigh her in mainsail appendice at the whele.

From 4 to 8 9/2 Linterart M. F. & 9/2 and Fly & bloody first half partly cleaning last two hours. Involt sea. at 6.50 took as single nef in the topsails and set topgallant sails over the topsails. Set the main trysail at 730 at end of watch by the waid or part tack under jet for topmast staysail, main trysail, expander, topgallant sails, forwail, single nefet mameail and single neefed topsails. apprinticie at the wheel.

Of the content of the sails of the sails of the sails.

Firm 8 P.M. to Mid. Sain to clear Gentle breeg from 9.90. Concer IN by F. Go. By the wind under came sail as in proceeding watch. Appendice at the wheel Thom how at go. Hercell,

Examined and found to be correct.

Leitenant U. J. W.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	P	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	40	26	82.1	Ok. 1/2 N.	9. 9°0	2	3	. /	30.44	74	74	72.	YO	b.c.w.	cum.	2	\$
1 2	0 0	200	82.1	N. 12 00.	901. by 04.	2	3		30.44		,	1	, ,	"	,	4	
3	0	8	82.1		- ·	1	. 2	1	30.45	1						4	
4	0	8	82.1	N 91. by 91.	991. 9.991.	1,	1	1	30.45		1		1 / 1	b.c.		4 5	*
5	1	2 2	82.1	Ot. by N.	J. J.W.	1	,	1	30.45					,	".	4	
7	,		82.1	,	"	1	1	1	30.45	75	75	72	79	"	cir. eum	4	
8	1	6	82./	I	9. ly 91.	1-2	2	1	30.44							4	"
9	2	0	82.2	West	J. Ly W.	1.2	7	2 2	30.44	1	1	1	100			7	1
10	0	5	82.8	N. Oh. by Ot.	901. ly 9.	1-2	2	2	30.44		1	1	1.			8	
Noon.	1	0	82.8	Ch. N.W.	. 1	1-2	2	2	30.44	79	79	74	80		-	8	

58. 3 Distr	rue ruw by fog.	
	ce made good since preceding noon by observations, Ju 63° 6.	32 knots. tenths.
	(Latitude by D. R.	38 000 · N. "
	Longitude by D. R.	67011.04.11
Position at Noon:	Latitude by observations of ②	380 11 . N. "
	Longitude by chronometer from Forenoon Observations of ②	65038, 91. "
	(Latitude by D. R. fum Now	38 0 10 N. "
Position at 8 A. M.	(Latitude by D. M. from None Longitude by Observation	65033,04 "
	(I stitude by D. R. from Now	38011.N."
Position at 8 P. M.	(Latitude by D. C. from Norm Longitude by Chronometer from Oftenom observation o	65007.96.11
Current during th	e time, 72 knots tenths per hour, setting to the \$80 2 6	
Vav.	pass by Azimuth O observed at 8.20 U.S., ship's head Ok. /4 9.	13.016.04
	Compass by Azimuth ⊙ observed at \$-20.0 %, ship's head	\$ 042 . W. variation used, 13000 . W.
Con.	pass by Azimuth O observed at 3.50 (1974), ship's head IN W. ly N	13 026 194. "
Error of the Comp	Compass by Azimuth © observed at 3.50 PM., ship's head	2 0 4 9 . W. variation used, 130 00 . W.
		400 gallons.
	uring the preceding 24 hours,	"
Water	during the preceding 24 hours,	400 "
Water remaining	on hand fit for use at Noon,	

tons 480 lbs.

163 " 1010

P. M.																	
r. m.	1	6	82.9	Ot. by N.	901.	1-2	2	2	30.43	79	79	74	80	b.c.	Cir. cum.	5	9.
2	1	8	83.4	N & . by 24.	904. ly 24.	1-2	3		30.42					.,		5	
3	2	0	84.7	. 0	. 0	2	5	11/2	30.41	78	80	74	80			5	
4	3	0	87.5	J. 24.12 A.	Ox. 904.	3	5-	1	30.41	78	80	74	80		cum.	5-	
5	1,	80	90.9	4.9.6	Ot. by 9.	3	4	./2	30.40	78	80	74	80			5	
6			95.4	Phy 6:/2 6.		3	4	1/2	30.40	77	78	73	80			5	1,
7	3	0	97.6	",		3	4	1/2	30.40	76	77	73	79			6	
8	3	0	100.6	9. ly 6.1/4 6.		2.3	3	1/2	30.40	76	77		79			6	
9	3	4	2.8	8.98.	991. by 9.	3	4	1/2	30.40	76	76	73	79		cum and	6	
10	4	5	6.7	88.128.	, 1	3.4	4	1/2	30.40	76	76	73	79	:		5-	
11	4	5	11.0	,		3.4	4		30.40							4	
Mid.	5	0	14.3			3.4	4		30.40							4	-
													. /				

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Cloudy but pleasant. Light airs and breyes from I. I. to I'll by I'll de plain sail to topgallant sails our single reefect topsails and mainsail, with main trysail. Come I'll I'll I appendices at the what Muder plain pail to

Roger Welles Jr. Eusign W. F.M. O com 4 to 8 a. m Orm # 25 8 W. M. Parthy cloudy and pleasant. Light airs from J. F. B. Bavoneth steady.

Of 7 o'clock made all plain sail to regal everyth engle refin manuail At und of water under all plain sail to regal except ringle need in manuail, with for topmast stayout and main trysail heading Or by N. Lense F. V. by S. Appendices at the wheel.

1. A Colonian

Cusign Ql. F. Or. From 8 a. M. to Merid Chavand warm. Sight and and begin from T by the and F the by the Comes The 1/9. Op the first period from 9.45 to 10.45 was devoted to Box Hauling ship. At 10.45 watch had signale and giviney and 2" watch had signale and giviney and but watch at the watch Summing any engaged we overhauling and luticating " Mount the of the forward starband give, and painting again ports. At end of watch ship by the word on first tack under for topmale starpaul and all place sail to egall weigh mainlaid. At 10.0. " started free under boils to for distilling. Demperature of magazine 17°, 74°, forward 16°, 74°, all

Demperature of magazines 77°, 74°, forward, 76°, 74°, aft.

From Merid to 4 4.9. Sight aim to gruth breen from II. to Oh IN. Dair and pleasant In IV. sen. Set enigh neigh mainsail at 2.7. At each of watch, by the unied on port tack under for topmast starpail main tupail and all plain each to explic except a single need in the mainsail all diniums of appointers at work wordauling clothing. Itaited distilling at 1.30 with firee banked under brief B. appendice at the while.

Roun Lieutenant U. S. W. Light to gentle breen from Oh by I. Connew IN by I. At 4 25 won ship. At 6.30 took in royale and flying jet, and sent draw royal yards. Distilling with banked frew under briles 1B. Appendicion at the volue. At end of water under all plain each to topgalant each and main trysail with swigle ref in mausail.

Hurcell Leutenant U. J. W. Orom 8 P. M. to Mid. blondy but pleasant. Tentle to moderate been from In by I Barometer strady. Pluder all place sail to toppallant sail and main topail, into a single ref in maintail by the write ou students and the Land Commer In by I apprentice at the while. Distillura with harbed him walls B Distilling with banked free under boles B. Roger Weller In, Ensign W. J. W.

Examined and found to be correct.

J. B. Mo ilton, L'entenant Ph Son

LOG of the UNITED STATES Thip Essex Chird Rate, Making passage from Norfolk Va., to Newport, R.S.

			Reading		WIND.				BAROMI				URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1	4	8	19.1	96/26.	f. 901.	5.6	7	1/2	30.40	75	75	72	79	b.c.w.g.	cum minib	.4	M
2	4	7	23.8		991. by 9.	5.6	7							,			100
3	4	5	28.3		,, 0	5.6	7		30.37						cir.cum.	6	
4	4	6	32.9	FE. L. F.	901.	5-6	7	1/2	30.37	74	74	72	79	0.c.w.	cum min	. 0	
5	5	9	33.3	9.96/26.	90%. by 94.	5.6	7	3/4	30.40	74	73	72	79	b.c. w.	"	1	
6	6	2	37.7	9.96.	. 0	5-6	7	3/4	30.40	74	73	71	78	0.0.		0	-
7	5	5	42.5	96. ly 9.	\$ 24.	5.6	5		30.40					"	-	0	
8	5	8	47.1	0		5-6	5	3/4	30.43	73	74	72	79		"	0	
9	5	6	51.5	\$6.3/4 8.		6	5	./2	30.4	474	74	72	78		-	0	
10	5	8	56.2			6	5	1/2	30.44	74	74	72	78			0	1
11	5	4	61.8			6	5	1/2	30.43	74	74	72	78	b.c.		3	
Noon.	5	5	67.2	4.96.126.	991. by 94.	6	5	1/2	30.43	74	74	72	78	"		3	

104.0 Distance run by Log.	
Course and distance made good since preceding noon by observations, \$ 67.66.	143 knots. tenths.
(Latitude by D. R.	37 030 1.N. "
Longitude by D. R.	
Position at Noon: { Latitude by observations of ⊙	37 0 12 1 N. "
Longitude by chronometer from Forenoon Observations of ②	62 0 46, 84. "
Position at S A. M. Latitude by S. R. furn Now Longitude by observation	37 024 · N. "
Position at 8 A. M. Longitude by observation	63 010 194. "
(Latitude by D. U. fund Nom	36 040 .N. "
Position at 8 P. M. Latitude by D. W. furn None afternoon observation o	62021, 94. "
Current during the time. #4 knots tenths per hour, setting to the 970 - 6	č.
Flav. Beror of the Compass by Azimuth O observed at 3.30 PM, ship's head Ply 6 3/4	6. 13003194.
Deviation of the Compass by Azimuth @ observed at 3.30 Ph. ship's head	10 57 6. variation used, 140 00 0
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	841 "
Water remaining on hand fit for use at Noon,	841 "
Coal consumed during the preceding 24 hours,	tons ZOOO 1bs.
Coal remaining on hand at Noon,	162 "1250 "

Р. М.															,		
1	5	8	71.9	9. by 6:126.	04.804.	6	4	3/4	30.43	74	74	72	78	b.c.	cum.etral	2	m.
2	5	4	76.2	9 ly 6.		6	4		30.43							5	
3			80.5	Phy 8:146.		5	4	3/4	30.43	74	74	72	77			7	
4	4	4	85.0	,		5	4		30.43							8	-
5	5	0	89.9			5	4		30.43						-	8	
6	5	4	3.1	93/4 6.		5	5	3/4	30.43	74	74	72	77		cir.cum	8	
7	4	2	7.1			4-5	5		30.43							9	
8	3	8	10.9	9. by 6.		4	5		30.42							9	
9	3	7	14.6	9.96.	901. by 04.	4	5		30.40							9	
10	3	9	18.5			4	5		30.40	10				The second second	none	10	
11	4	5	23.0			+	5		30.40							10	
Mid.	4	8	27.8			4	5		30.39						cum.	8	
														-	1	-	-

Ensign U.S. W.

W. Maperton.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.m.

bloody and damp. Fitf breze with frequent light equally from I. I. I. I to took in and fulled top gallant rails. At end of writed under jut for top mark staysail, top sails, consequent single nef in the manual, main tupails and spanker heading I.E. by I. burne II. by I. apprentice at the wheel. Distilling with free banked under baler 13. n. Il Colima

Oum 4 to 8 a. M

blondy, damp and threatening wrather . Stiff to feel breze flow IN by & and IA. Come IN by I (po) This by the which on starbound tack under same said as at end of previous watch. apprentices at the wheel Distilling with fire banked underboiler B.

From 8 a. M. to Merid.

Lieutenant U.S. W. Deech breze from SN and FD. by H. Orticast first half, partly clearing last two home. Thortesate sea. By the wind on starboard tack under some sail as in preciding watch. Thustered crew as quarter as q. 30. During 1st and 2. 2th period, 945 to 11.80, instructed had exercised, 2nd watch in building for storm starpail, eignal and grunny; 3rd watch 1st period, saile and your 2nd painty grunny. Rigged and crossed neighbor topsail yand. Distilling with fire banked under the boller B. apprentice at the wokel. During engaged in painting of build mounts on starboard side of leek Duringwattur of magazine 772, 712 forward, 767, 742 aft.

From Merid to 4 4. M.

Lieutewant W. S. W. Sientemant W. J.M. Londy to class. First to freely breeze from Dr. J.M. Course J.M. h. J. (pe) By the world under same pail as in preceding watch Eastweet and intracted appendic as follows:

1 d watch grunny from 1.15 to 2 Pm. and his regular from 2.15 to 3 Pm; 3 d watch practical asamanship from 1.15 to 3 Pm. at 8.36 arm and away all boots for cutting out and thew orchanded book boxes. Distilling with banked from under boths B appendic at the wheel Gunnerin gang engaged in painting inside of mounts of 4 inch guns. Hereall,

June 4 to 8 9.9W.

Lieutenant W. S. N. Clear and pleasant . Stiff to moderate berry from & F. B. Barometer steady. Ruder all sail to topsails and main trysail with suigh ref in mameril or etarband tack. Changed conse at 4.10 to 9. by F. apprentices at the wheel. Distilling with brukes free in boiler 16. US:30 hauled in old patent by and put our new one. Tems & P. m. to Mid. Orm 8 P.m. to Mid.

Clear; starlight; heavy dew. Moderate breeze from IN by W. Baronete strady. at end of watch under jet, for topmach staysail, topsails, consee with angle reef in mamedil, main tryail and spenker, heading 9.96. Conver W. by S. apprentice at the wheel Distilling with halful live wold this 18. with banked fires under biles "B".

n. J. bolsman Ensign W. & M.

Examined and found to be correct.

J. B. Mo illow, Navigator. Secutewant U.S. R.

LOG of the UNITED STATES This Essex Phid Rate, Making passage from Norfolk, Va, to Newyork, Q. J.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	TURE.	State of	P	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
А. М.		0		91/2 94.	W. by S.	4	2	,	30.40	~/	711	~,	7/	b.c.	cum	8	M
1 2		1	30.7	Fouth	or by J.	4	2	1	30.40	1	1	1	100	"	cum. runil	100	W.
3	3	2		n	,	4	2	1	30.40					0	"	1	"
4	3		37.0	J. ly W.	West	4	2 2	21.	30.40		,		77	в.с.р.	cum.	2	"
5	3	4 5	42.5	. 0		3	2	3/4	30.45	75	75	72	77	"	circum		"
7	3	4	45.9	9/2 %	W. Ly F. Os. F. Os.	3	2	1	30. 46				1 2 "	"	mint.	4 5	-
8	3	2	48.8	9. 1/2 E. The E.1/2 E.	9. F.W.	3 3.4	3		30. 50					,	Cir.cum	5	
10	2	8	54.9	9. ly 6. 14 6.	91.994.	3.4	3	3/4	30.48	75	74	71	77			4	
11	2		56.9	Frith	W. by 9.	3.4			30.49		,			"	:	4	
Noon.	2	9	59.8	9 1/2 04.	Chest.	3-4	3	12	30.49	16	70	1'	18			6	

_	95.8 Dit	aure new by bog.	
	Course and distance	e made good since preceding noon by observations, \$\mathcal{T}_4/2\end{a}\$.	// 0 knots. tenths.
		(Latitude by D. R.	35 0 5/ M. "
		Longitude by D. R.	61048.04."
	Position at Noon:	Latitude by observations of ①	35 0 52 1 1. "
		Longitude by chronometer from Forenoon Observations of ©	61'0 23,94. "
		(Latitude by D.R. from Norw	36 001, 1.11
	Position at 8 A. M.	Latitude by D.R. from None Longitude by observation	61030,04."
		(Latitude by D. R. from Now	35 0 H3 , N. "
	Position at 8 P. M.	Latitude by D. R. from Your Longitude by Chronometer from afternom observation o	61010.04."
	Current during the	etime, 20 knots tenths per hour, setting to the Gast.	
	Nav.	ass by Azimuth O observed at 8.36 Q.M., ship's head \$ by &.	14 024 1 04.
	Deviation of the C	ompass by Azimuth ⊙ observed at 8.30 a. 5%, ship's head	0 0 3 8 . W. variation used, 14 000 . W.
	France of the Comp	ass by Azimuth o observed at 335 OM, ship's head	12 037 · W. "
	Deviation of the C	ompass by Azimuth o observed at 3.35 PM ., ship's head	1 0 48 6 . variation used, 14 0 00
		aring the preceding 24 hours,	450 gallons.
	Water distill		1001 "
		n hand fit for use at Noon,	1392 "
		ing the preceding 24 hours,	tons / 7 60 lbs.

161 " 1490 "

D. W.																	
P. M.	3	0	62.8	9 1/2 04.	O4. by 8.	4	3	1/2	30.48	76	75	71	78	b.c.	cum.	5	m
2	1	0	62.8	"		4	3	3	30.48	76	75	71	78	,,	-	5	
3	1	0	63.5	"		4	3	3	30.48	76	75	71	78	"		5	
4	1	0	63.8	"	,	4	3	3	30.48	76	75	71	78			5	
5	1	0	64.5	,,		4	3	11/2	30.48	76	75	71	78		-	6	
6	1	0	64.9			4	2		30.46						cir. cum.	6	
7	1	8	68.4	Pouth		4	2		30.46						stial.	6	
8	1	0	65.7	9. h, E.	04.9.04.	4	2	2	30.46	75	75	72	77		-	7	"
9	1	0	65.6	South	Ol. by 9.	3	2.		30.45				1000	0	cum wish.	8	"
10	1	2	65.6	f. 1/2 W.	1	3.4	3		30.46				Marie Co.			8	.,
11	1		68.6	South		3	3		30.46			/				8	"
Mid.	1	4	65.6	9:1/2 8.	Q. 904.	3	3		30.47						-	6	
		1															-

Coal remaining on hand at Noon,

Georebeack,

Herrall,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On Elean first how, cloudy remainder of watch. Moderate breezes from Oh by F. Slip on starband tack by the winds under for topmart stayeail, and plain sail to topsails and main trysail except single neef in manusail. Opportuice at the wheel. Distilling with fire banked under boiles "B".

Orom 4 to 8 a.m Lieutewart U. S. M. Onoderate to gentle breeze from West to N. IN. Fair and pleasant By the waid in starband tack under same sail as in preceding watch. Distilling with free banked under bilts "B". apprentices at the wheel.

From 8 a. M. to Merid. Lieutenant U. S. W. Cludes same sails as in preceding water. By the wind on starband track at 9.30 musticed at quarter and exercised at Secural quarters. Fire quarters and Abandon ship. Time by Diricone as follow for General quarters: Enqueric, & minutes; After Pavder Diricine, & minute, so seconds. Forevail Pavder Diricine, & minutes, 35 seconds. Varigetori Diricon, & minutes, 40 seconds; 14 Diricine, & minutes 45 seconds. 2nd Diriem, a minuter, 50 seconds; and 3rd Diriem, 3 minutes, 5 seconds. Tecured at 10.22 a. Ms. Div quarter, Naigatric Devices 2 minutes 30 seconds: Porward Parder Division, 2 minutes 30 seconds: 12 Division 2 minutes 45 seconds; 2nd Diriem, 2 minuter, 50 secondo: Eugenius 2 minuter, 50 secondo: 3 rd. Division, 3 minuter: and after Powder Diriem, 3 ministre, 40 exemple. Secured at 11 a.M. appeneticie at the wheel. Distilling with banked five under boiler B. Derugevature of magazine 78°, 75°, forward, 76°, 73°, aft.

June Merid. to 4 4.90. Leutenant U. S. W. bloody but pleasant. Moderate brey from N. by 3. Baroneter steady. First 115 to 200, first division had regardly and 200 first division mailinespeks examanalize and log: from 2.18 to 300 first division had log and log: from 2.18 to 300 first division had log and second division engrals: from 3.16 to 4.00 instructed apprentices in their stations for general evolutions. At 12.30 double neight topsails, hauled up concee and took in main trysail Changel conce to beek. We end of water ship ended double neight topsails, jet, for topmast staysail and openher. apprentice at the wheel. Distilling with braked free under bile 18.

Roger Welles. Jr. Ensign W. S. M. bludy and pleasant. Moderate been from My I to N. F. Barnette steady. At end of water under jit for topment staywall shall regard rand epankerly the wind or starband tack heading I. y E. Coner Mesh. Experiteir at the wheel Distilling with bruked frie under bales 18.

n. J. Coleman From 8 F. M. to Mid. Ousign U. S. M. Securally clear with passing member lands from Fd and Wes. Slight passing about about 8 45. Sewelle to moderate breeze from The by F. Conner Res (p. c) Them was at 10.50. At end of watch chip render and said on atarboard tack as at reed of speromo watch. Distilling with free banked under boiler B. apprentices at the wheel. W.M. Caperlow. Quitewant Q. J. W.

Examined and found to be correct.

J. B. Moelton Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Norfolk, Va., to Newport, R.S.

				0 0		- 0			_	-	_	_			-	-	
			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.	State of	Forms of	f Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the Se
A. M.	14		65.6	F. ly 6 1/2 6.	901. by 94.	3.4	3	2	30.45	75	74	71	78	b.c.w.	cum.	5	M.
2	1	0	65.6	1	.,,	3.4	3	2	30.44	75	74	71	78		"	6	1,
3	1	2	65.6			3-4	3	2	30.43	75	74	71	78		"	6	4
4	,	0	65.6	9.96.	Pa.	3.4	3	2	30.42	75	74	71	78		aum. nemil	2	,
	-		65.6			4-6	2	3	30.44	75	74	71	77	b.c. q.	cir. eum	2	9.
6			Hauled in	9.96:126.		4-6	2	3	30.44	74	73	70	77		numb.	3	
7		6		9 hy 6:1/2 6.	9 94. by 94.	4-6	2	3	30.44	75	74	71	77	"		3	"
8		6		Thy &.	. 1	4-6	2	3	30.44	76	75	72	77			3	
9		6		9 ky 6. 12 6.		4	2	3	30.44	76	76	72	77		Cumetia	12	
10	1		65.6	7		5	2		30.44							2	
			71.6	N. N. W.	Ou. by 9.	4-6	7-5-							0.0.9.10.	cum minil	0	
			77.7	NOW. by St.	Parly or.			1/2	30.45	75	75	72	78	b.e.g.	strat.	5-	
			10000			1	-	-		Towns.	1	-	Total Contract of the last of	-	-	-	-

40.6 Distance run by dog.
Course and distance made good since preceding noon by observations, 954 6.
(Latitude by D. R.
Longitude by D. R.
Position at Noon: Latitude by observations of ©
Longitude by chronometer from Forenoon Observations of O
Position at 8 A. M. {Latitude by D. U. funn None Longitude by Observation
Position at 8 A. M. Longitude by Observation
(Latitude by D. R. from None
Position at 8 P. M. {Latitude by J. N. from Now Longitude by Chronometer from afternoon observation
Current during the time, 10 knots tenths per hour, setting to the Gast
Transfer of the Compass by Azimuth ⊙ observed at 7.20 (1.7%), ship's head \$\\ \mathcal{G}\. \\ \mathcal{G}\. \mathcal{G}\. \\ \mathcal{G}\. \\mathcal{G}\. \\ \mathcal{G}\. \ma
Deviation of the Compass by Azimuth ⊙ observed at 7.20 0.9%, ship's head
Error of the Compass by Azimuth ⊙ observed at , ship's head
Deviation of the Compass by Azimuth ⊙ observed at , ship's head
Water expended during the preceding 24 hours,
Water distilled during the preceding 24 hours,
Water remaining on hand fit for use at Noon,
Coal consumed during the preceding 24 hours,
Coal remaining on hand at Noon.

29 knots.	tenths.
35 0 59 1 1	
61 004 194	
35 0 58 · N	
60 0 52, 94	
35 0 30 · N	
60 047 . 84	
36 006 · N	
61 020.94	
61 0 20 . 20	
12 0 50 0	Į.
	variation used, 140 00 94.
0 ,	"
0 1	variation used, o
480 8	gallons.
1011	
1953	"
19 £3 1 tons 160	lbs.

160 " 330

						19.					1								
P. M.	6	2.	83.9	A Oh. by N.	991. ly 94.	Bunder	5.6	8	1/2.	30.4	13	77	77	73	78	b.c.	cir.cum	4	M
2			90.0	N. N. O. 3/4 94.	વા. કેવા.		5.6			30.4							stist.	6	
3	6	0	96.2	N 04.3/4 N.	99. ly 94.		5.6	8	1/2	30.4	40	77	78	74	78		cir.cum.	5	
4	5	2	1-2	J. O4:12 N.	. 0		5.6	8	1/2	30.3	39	77	78	74	78			3	
5	5	8	7.0	1.104.1204:	CH. 9 CM.		5	y		30.3							cum.	4	
6	5-	0	12.0	N. St Ost. 3/4 Ost.		30.33	5	7								b.e.p.	cum simb		-
7	5	9	17.9	1 101101		30.32	5	7		30.9								2	-
8	2	8	23.4	1. 1 9. 12 4. 9. ly 6.		30.32	5	7		31.6								2	
	5		28.4	1.101.14 94.	9. by 8.	30.33	6	7									cum seint	4	
10		2,	34.6	Jr. J. Ol. 12 Ol.		30.23	6	7	.1							be.p.		4	~
11	4	5		,,		30.33	4	6		30.4							-	5-	
Mid.	4	4	42.0	A by OH.	Hest.	30.32		6									-	8	-

with banked fire under boiler 13.

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a m Sentle to moderate breeze from IN by W. and IN Fair with bright mornlight fries there hours cloudy bash how. By the wind on starband tack under jit fore topmark staysails, spankly and double wifel topsails appointed at the wheel. Distilling with five bankly under other B.

From 4 to 8 a. On. Sentenant G. I. Receive and squally. Moderate to fresh brew in squally from I I and I I by Ot. Lonce Otist (go) ander same sail as preseding water. apprentice at the wheel. I itsling

Dion 8 a. M. to Merid.

Cloudy, equally and rainy. Products to freel brey in equally from FU. by El.

to El. by S. Barometer strady. U. 9.4° were aligh and made all plans and to topgallant excles and
main tripical. W. 10.45 took in main tripical and topgallant earls to a keary equall; at 11.15 est
topgallant earls again. At 10.00 put one patent for reading 65.6. Conce Elsel. Distilling with banked
from in both B. Teghtod a back straiding stout 63.6. Burto Both. Elseportat the topication of
his term of substant and was accordingly discharged from the Paval Turie, Dunqueatin of magazine
72.75° formed, 76°,70°, aft. appendice at the wheel.

Over Cherid to 4 P.M. Chudy and pleasant Stiff to fresh been from IN by to to F. De Baroneter falling. Tight up all bags at 10 closes and durinoial officer impected boys clothing. At end of writely involved all plains sails to top gallant each except enight need in manual, with for top mark stay and heading her in N. Lomes Chest. appendices at the what Tistelling with bruked fine under ball to.

Some 4 to 8 990, with pressing rain equall. Fiff burse from Dr. 49h backing to 4th and Did in aqually and coming no again from Dr. 4.2h. Emile Gets (pc) all 400 work ship in heavy rain equall to 3th and 6th and it 5.00 work again to K a and W. A end of wetch ship by the wind on port tack under want said as at end of previous watch apprehense at the whiel Distilling with braked five under boths D. at 50 close found the mercural Baronter with order

From 8 (P.M. to Mid.

Direct bruy from W. by I falling to more at huy and voring to Heet Cloudy with specing rain equally claims last home. Throducate see Moon rose at 1122. It is top gallant sails to a egypall at 10.00 and at them at 10.12. At end of watch under for topmach staysail and plain wail to top gallant early, weight a engle self in the manisal Tietlling with five banked under both 18. appendice at the wheel.

Examined and found to be correct.

J. B. Mo Utin . Seitewart & S. M. Navigator.

Lieutenant U. J. M.

LOG of the UNITED STATES Thip Essex. Phild Rate, Making passage from Phorfolk, Va., to Prewyport, R.D.

				1	0 0		0												-
				Reading		w	IND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Power of	Hear	e Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Compa	88.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M		5	5 5	48.0	N 3/4 W.	Obest.	anewater 30.30		6-10	1/2	29.92	78.	74	72	77	b.e.g.	am umil	- 5	13
2		5	6	53.6			30.30	1-5	6-10	,	28.69					U	"	4	
3		6	5	60.1	A by W.		30.30	5.6	6-10	1/2	28.68	78	74	72	77			5	
4		6	8	66.9	A by W. 14 94.	,	30.31	5.6	6-10	1/2	29.32	77	74	72	78			5	"
5	1	6	6	73.5	0		30.29		7	1	29.26	1		,	100	, "		4	".
6		6	2	79.7			30.29	1 .	8							b.c.q.p.	-	4	W.
7		6	1	88.8	N by 9 1/2 94.		30.29		8	1	28.55					b.c.g.	-	3	"
8		6	3	92.1	I by 24.	,	30.29		8	1/2	29.90	77	76	73	79	"		4	
9	1	5	7	97.8		* 1	-	5	8	1/2	30.28	78	77	74	79			4	"
10	1	6	0	3.8	No by 94.1494.			5	8	1	30.27						-	3	
11		6	0	9.8			1	5	8		30.27							8	-
Noon	n.	5	8	18.6				5	8	1/2	30.26	79	78	75	79			4	

139. 6 Dist	suce new by Patent Log.	
Course and distant	ce made good since preceding noon by observations, & 19 2 94.	0 0 knots. tenths.
	(Latitude by D. R.	37 030 11. "
	Longitude by D. R.	62 007 .94."
Position at Noon:	Latitude by observations of ②	37 0 13 . Nr. "
	Longitude by chronometer from Forenoon Observations of ⊙	61 0 32 , 94. "
D. W W	Latitude by D.R. from Norw (Longitude by observation	36 0 52 1 1. "
Position at 8 A. M.	Longitude by observation	61 0 21 194. "
Desiries at 0 D M	(Latitude by D. R. furn Now	37 050 N. "
Position at 8 P. M.	Latitude by D. R. from Noon Longitude by Chrometer from afternoon observation 0	61 0 28, 9/1. "
Current during the	e time, 35 knots tenths per hour, setting to the J 61 6.	11 0 14 1 04.
	oass by Azimuth ⊙ observed at 8.20 Q.M, ship's head \(\sqrt{ly \(\text{Q} \). \(\sqrt{2} \) \(\text{Q} \text{W} \).	
	compass by Azimuth ⊙ observed at ?.20 0. 1/2, ship's head	1 0 56 6. variation used, 14 0 00 94.
	oass by Azimuth ⊙ observed at , ship's head	
	Compass by Azimuth ⊙ observed at , ship's head	variation used,
	uring the preceding 24 hours,	500 gallons.
Water distill		1010 "
Water remaining of	on hand fit for use at Noon,	2463 " 1 tons 160 lbs.
Coal consumed dur	ring the preceding 24 hours,	
Coal remaining on	hand at Noon,	159. 1170 "

P. M.										annind						cir cum		1
1	6	4	21.1	N by 94:12 94.	01. by 9.	1	5-4	10-5-	3/4	30.26	78	79	76	79	b.c.m.	cum stral	. 4	m
2	5	8	26.9	N. Nev.		3	5.4	10.5	8/4	30.25	78	79	76	79	,		4	-
3	5	9	32.8	N. N O4:14 W.		3	5.4	10.5	3/4	30.25	78	79	76	79		aum minet	. 1	
4	4	2	37.0	N. 18 04. 12 04.			5.4	10-5-	3/4	30.25	78	79	76	79			1	
5	6	0	43.8	N by Ok. 1/2 OU.		1	5-6	10-5	3/4	30.25	77	78	75-	79			1	
6	5	4	49.5	Je by 94. 9/4 PM.		1	4-5	5-10	3/4	30.26	79	78	76	79	b.c.m.w.		1	
7			54.8	A.N. ON.	,,	4	4-5-	5-10	3/4	30.26	79	78	76	79		"	1	1.
8		1	58.9	N. NOV. 14 OV.											b.c.w.l.		1	
9		6	63.5	4.1104				5							b.c. l.		1	"
10		6		J. J. Ol. 1/2 Ot.			3-4	5							0.0.9.10.82		0	4
11			68.1	30x. by 9	A 94. ly 94.			2									0	9
Mid.				fox by f.	7			0							b.c.l.		1	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sleav and equally moderate to fresh breeze from Week By the would under same said as in preceding whiteh Conner Chek (pc) Distilling with branked free under boles B. apprecias at the wheel.

French,

Sim H to 8 a. M.

Sintuant Qu. F. Gr.

Sintuant plan sail to

topgallant sails with single ruf in the manual by the unid on the port track. Distilling

with banked free under both of appendices at the whiel. a three marted recover standing

to the Footburned spaced on the standard side.

From 8 a. M. to Merid.

Slondy and pleasant. Stiff bress from Orset. at 9.30 annually all Divisional impaction, and crew unsu unspected by divisional officer; after which Commanding Officer inspected crew and ship. A Burks was as milited as Samuau for three years from their Nate. At end of watch under all plain sail to toppallant sails, except single ref in manuscil bracking & by & h & h & bound of the Cupperture at the while. Distilling with banked free under boiler B. Importance of magazine 71°, Ju², forward, Jb², Ju², aft.

7. I be of 5m an

Diene Presid to 4 9.90. Couring It I'm. Lloudy hary and unettled wrather Products to stiff breeze from It by F. Conser Orch (p.o.) This by the wind on the port tack under same sail as at end of freedom watch appendice at the wheel Distilling with fire banked under briles B. W. D. Caperton.

From 4 to 8 PM. Sweet to moderate breeze from Ot. by F. Cloudy and miety Sughtuing to Ad and Gar last balf how. Producate are By the wood or port tack under came each as in pelesting watch. Distilling with five banked under briller B. appendice at the wheel.

Diem & P.M. to Mid.

Stendy Derical middle part with moderate to stiff equally and heavy passing shown accompanied by sevent thursen and legating. First and least house lightning around horsen dight aim to stiff their from Oh to I to No No No No 10 15 abortized sail to topsails and immediately afterwards the word shifted to North during a heavy abover; then were ship to Id. and Old and at 10.55 made sail to topsails and old and at 10.55 made sail to topsails and old and al 10.55 made sail to topsails of Id. and Old and al 10.55 made sail to topsails of Id. and Old and al 10.55 made sail to topsails of Id. and Old and al 10.55 made sail to topsails of Id. and Old and Id. I would be sail to topsails of Id. and Old and Id. I would be sail to topsails of Id. and Old and Id. I would be sail to topsails and Id. I would be sail to topsails and Id. I would be sail to topsails and Id. I would be sail to top and Id. I would be sail to top and Id. I would be sail to top and I would be sail to to top and I would be sail to top and I would be s

Lieutewant U. S. W.

Examined and found to be correct,

Deutenant & F. M.

G of the UNITED STATES Thip Essex, Phind Rate, Making passage from Overfolk Va. to Chewport a. J.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of		Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the Se
A. M.	23	2							aniro	id.							
1	1	0	68.1	91.991.	East.	2	5.6	0	30.27	79	75	74	79	b.c.l.	Cum suint	3	8
2	2	8	70.9	Otest.	South	2	5.6	0	30.27	78	75	74	79		"	4	1
3	4	4	75.3	*	I by 04-	3	5	1/2	30.26	78	75	74	78			,	
4	4	6	79.9	Q. so.	90. h 9.	3	5	1/2	30.26	78	75	74	78			2	
5	4	6	84.7	J. W. ly N.	OH. 9 04.	4	5	1/2	30.29	78	75	73	77	b.o.		2	M
6	4	2	88.9	N. 4 W.	Ot. by 9.	4	5	1/2	30.32	78	75	73	77	o.c.		0	
7	1	6	89.5	NhiE.	Now. by Oh.	2	4	1/2	30.32	78	75	73	77	"	"	0	-
8	1	0		No.	Of est to South	4-1	5	1/2	30.33	77	75	74	77	0.c. 9 N.	-	0	-
9	2	0	_	West.	Baffling.	0-1	3	0	30.32	77	76	74	79	,		0	
10	2	3	92.6		6.98.	0.2	3	0	30.32	77	76	74	78	"		0	
11	1	0	93.7		E. 98. 901.	0-2	1-3	0	30.32	77	76	74	78	,	mint.	0	
oon.	0	0	Henleman	No steerageway	04.994.	0-1	1.3		30.32				78	b.c.	cum min	15	-

84.7 Distan	er run by Log.	
	re made good since preceding noon by observations, Jb. // 9 1	34 knots. tenths.
	Latitude by D. R.	38°03'N."
	Longitude by D. R.	62 03 04. "
Position at Noon:	Latitude by observations of O	37 ° 46 'N. "
	Longitude by chronometer from Forenoon Observations of ⊙	61°37'W."
	(Latitude by D. R. from None	37 ° +8 'N. "
Position at 8 A. M.	Latitude by D. R. from None Longitude by Observation	37 ° + 8' N. " 61 ° 31 ' N. "
	(Latitude by D. R. from Nom!	37 ° 52' N."
Position at 8 P. M.	(Longitude by Chronometer from afternoon observation o	37 ° 52' N." 61 ° 27 ' N."
Current during the	(Latitude by D. B. firm Arm Longitude by Chenemeter from Afternom observation o etime, 28 knots tenths particular, setting to the F45°C	8
Error of the Comp	ass by Azimuth o observed at 3.45 PM, ship's head N. /2 6.	
Deviation of the C	ompass by Azimuth ⊙ observed at 3.450%, ship's head	16° 37' %. 48' & variation used, 16° 00' 94.
	ass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	aring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	737 "
Water remaining o	n hand fit for use at Noon,	2800 "
Coal consumed dur	ing the preceding 24 hours,	tons /680 lbs.
Coal remaining on	hand at Noon,	158 " 1730 "

P. M.									anero	id							
1	0	0	Hauled in	No steerageway	West.	0-1	0		30.33			75	78	b.c.	cir cum	5	6
2	0	8		North	,	1	0		30.33					,	,	5	
3	0	8				1	0	0	30.33	78	77	75	78	"		6	-
4	0	0		No steerageway	balm.	0	0		30.33							6	1
5	0	6		Aly E.	W. N. Ot.	1	0		30.33					"	civicum:	6	-
6	1	0	93.6	"		1-2	3	1/2	30.33	78	77	74	78		etial.	6	
7	3	5-	95.2	4.104.	Oh. by J.	2.3	3	1/2	30.33	78	76	74	78			4	2
8	2	8	97.4	,		2-3	3	1/2	30.33	78	77	74	78	,,		3	
9	2	5	99.9	J. J. O4: 1/2 04.	Or. In.	2.3	3	1/2	30.34	78	77	74	78	.,	"	6	
10	1	9	1.1	104:1204.	For.	2-3	3		30.34					b.	une	10	
11	2	2	3.3	U.Ot. by Ot.	.,	3	4		30.33							10	
Mid.	2	4	6.7	J. M. 12 W.		3-4	4		30.32						cum.	7	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mudnight to 4 a. m. breeze varying from North Rest by North East and Folia to F & Noy & Ruder all plain early to toppallant sails with a single net in maniail. at 100 trook in aparter and early to a 208. Concer Object Banked francis brief B. apparatures at the wheel

Cloudy and westled wather. Morderate to light variable breezes from & 9 W North, East, and Footh. Baroneter accurg. W 50 Clock commenced dictilling. W 60 Clock flucted daw biliger. at 70 clock took in mameril and spanker at 7.40 took in topogallant sails at end of watch under jet for topmach staypail, topsails and foreal, on come West. Distilling with banked fire under boiler B. apprentices at the wheel.

From 8 a. M. to Merid

20 Cusign W. J. W. bloody rainy equally and muettled wrather, moderating and cleaning last how. A vain equall with a very leavy fall of rain atmost the slip at 9.00 from the Fd. and Ed. Chied baffling and from marchy all prote of the compact during watch at 10.015 set topg allow sails and manual at 11.00 set expanses. Some Creek to 20 11.00 eighted a schoner braining about 10th. Scrubbed winds as to frequent destiling at nom, the tanks bring full, and allowed the first under boiles 15, to die out. At and of watch chip under for topmast struyant and all plains each to topplant adult struck engle need in manual with no otternous should in notice to a the 150 B. ordered the sails except engle neef in mainsail with no sterageway. Bouled in patent log at 1150. By order of the baystain, Allean & Burke, was rated from Braman to Britimanie note seems class from their date. Instruction for periods during fromose were mitted in account of rain and wrather bleamed below. appendice at the wheel. Dampevature of magazine 472, 742, forward, 76-, 742 aft for

Drow Cherid to 4 4.9 Eight air from West and calme Frair and warm. Choppy irregular are Pluder arm sail as in peciding watch, with no steerageway during greater part of watch. There is eight during all of watch baying acting (Ports) at 4.00. 3th period, 1.15 to 2.15 untwested 1th and 5th periods, 2.15 to 4.00, grunny apprentices at the wheel.

Lewituant W. J. W. Draw to calm. Fight aim to gently breeze from H. A. V. to Ch. by F. at 5.30 ard rayale and flying jet and took them in again at 7 20. Chrispy ara, when my swill from N. C. Chude came and as in preveding watch after 7 20. Conse Chest (per apprentices at the which. at 6.30 peut me upstud log, 93.6 knots.

From 8 P. n. to mid.

Clear and pleasant. Right to quette brey from N. IN to I H. Tender all plain sail to toppallant sails, every a single net in the manisail, by the wind or port track bonce ON. by A. appendicion at the while.

On by A. appendicion at the while.

Roger Welles Jr. Ensign W. F. M.

Examined and found to be correct.

J. B. Mo iltor, Navigator. Lieutenant & S.M.

Making passage from Rorfolk, Va., to Chewport, R.S.

A. M. b.c. 99. h. W. 4 1/2 30.31 78 77 74 78 9.2 NO1.12 V. 4 3 5 ON . 9 91. A Oh. by N. N Oh. 3/4 N. 4 1/2 30.30 78 77 74 78 14.2 9 1/2 30.29 78 77 74 78 45 19.6 5 25.2 N. N. Ol. 1/2 04. 5 5 1/2 30.28 78 77 74 78 5 N by 01.3/4 94. 3/4 30.30 78 77 75 77 Or est. 5 31.4 5 M 3/4 30.31 78 76 75 75 4 4-5 37.4 A by Q1.12 Qt. 3/4 30.32 78 77 75 77 42.8 5 3/4 30.32 78 77 75 77 5 4 4 5 47.3 Aby 04:14 94. 51.8 4 3/4 30.30 78 78 76 78 bam. 5 4 2 A by 91:12 94. 3/4 30.30 79 78 76 78 56.5 1.14 84. 11 3/4 30.30 79 78 76 78 5 60.7 North. 3/4 30.30 79 78 76 78 Noon. 4 5 65.9 5

77. 6 Distance run by Patent Log

Course and distance made good since preceding noon by observations, Ju 312 94

Latitude by D. R. Longitude by D. R. Position at Noon:

Latitude by observations of O Longitude by chronometer from Forenoon Observations of ⊙

Position at 8 A. M. Latitude by D. R. from Norw

Longitude by Observation

Position at 8 P. M. Latitude by D. R. from Now Longitude by Chronometer from afternoon observation o

Current during the time, 30 knots tenths per hour, setting to the \$470 W. Nav. Resor of the Compass by Azimuth © observed at 8,1800 %, ship's head

J. by 94 Deviation of the Compass by Azimuth ⊙ observed at 8.150.9m, ship's head

Gravian of the Compass by Azimuth ⊙ observed at 3.57 Pon, ship's head Deviation of the Compass by Azimuth @ observed at 3.57 (, ship's head

during the preceding 24 hours,

Water expended during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

Water

100 knots. tenths

> 38 0 52 1 1. " 62 0 54 194 "

39014 . 1. "

620 44.94. " 38 0 59 · N. "

62038194. "

39 049 W. "

63006 94. "

14° 48' N.

0 25 94. variation used, 15 000 9 15037 104. "

014.04.

variation used, 16000 . 94. 300 gallons

2500 tons 400

158 " 1330

P. M.			-														
1	4	5	70.4	1.14 94.	Ok. by N.	3.4	3	1/4	30.30	79	78	74	76	b.c.m.	civ.eum	8	9
2			75.5	N:14 6.	QL. St. QU.	3-4											
	4		80.2	N. 1/2 Qt.	Ot. by N.	3-4								b.m.			
4	4	3	85.0	,,	,	3.4	4							b.c.m.	1000000	6	
5	6	2	91.2	A by Ot.	Otest.	4	4		30.28								
6	5	0	96.2			4	4								cum mint.		
7	4	2	100.5	,		3	4	1/4	30.28	78	76	73	75			5	
8	4	3	4.8	,		3	4	1/2	30.28	78	76	73	74			4	,
			8.9	I by 04. 1/4 Od.	1	4	5	3/4	30.28	78	74	72	74		-	7	7
10	3	5	12.4	,		4	5	3/4	30.29	78	74	72	74	"	cum.	8	
11	3	5	16.9	N. ly W.	"	4	5		30.30							8	
			19.8	13/494.		4.5	5		30.30							8	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Generally clear and pleasant. Throwlight. Throducate to stiff breeze from \$9. by th. to Oh. by \$1. Bravements falling. At end of watch under all plain sail to topgallant sails, except suight are fine maintail, behaving N. N. D. Comes W. by N. appendicing of the whall of the whall.

7. T. Colombian Colombi

From 4 to 8 a. 9h.

Partly cloudy with passing minlow clouds and vain equally relocued horizon

Products to stiff brilies from Week. Come It by to (p.c). This by the wind on port tack under

ease sail as at end of presone water. Apprentices at the which

Wallageritor W De Caporton

Lieutenant U. S. W. Ours 8 a. M. to Merid Moderate being from Obest and Ob by M. Frain and pleasant. Misty around horyon. By the wind on port tack, under four topmast staysall and all plan sail to toppallant earls. except a single reef in the mainsail. Mustered crew at quarters at 9.30. During 1st period, 945 to 10 30 exercised apprentices at derismal gen drill: 2nd period, 1d and 2nd watcher scamarchip. Gennew gang engaged in painting gen ports. Destat magazine flord cooks and water value and found them in working order. Designation forward magazine 772, 742; after 762, 744, appendix at the wheel. the wheel.

From Merid to 4 9.9M. Clear, hazy horizon. Gentle to moderate breeze from Ch. by N. and Ch. Web. Ot 1.10 set royale and flying jet. Comme Ob. by the unide under all plain sail to ryale with single ref in manuall. Ob atches of apprentices ever instructed as follows: 2nd and 3nd watcher practical exampleship from 1.15 to 3.15 and log. had and engage from 3.30 to 4 C.M. apprentices at the wheels.

Hercell, Lieutewant (U. S. M. From 4 to 8 9.9m. Generally clear. Ovoderate to gentle breeze from Prect. at 5.00 took in orgalis and flying jet. Gender all plains earl to toppallant early each of a single neef in manual, by the world on the port tack Emise D. Sych apprintered at the wheel.

Roger Welles C.

Roge Welles In Enough to Opide.

Clear and pleasant, Bright monlight Products to stiff breze from Obest. At end of water under all plain to topy about each except a single reef in manual heading N/24.

Comes of by A. appuntices at the wheel.

n. V. Coleman Ensign Q. F. M.

Examined and found to be correct.

J. B. Moillin, Navigator, Lieutenant Q. J. M.

LOG of the UNITED STATES Thip Essex Thurd Rate, Making passage from Profolk Va, to Chewpoork R. D.

-	-	7	_	V V		U						_					-
1		1	Reading		WIND.				BAROMI					State of	Forms of	Clean othe.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M	. 52	97	24.5	No. by W.	Otest.	4-5	5	3/4	30.29	77	75	73	77	b.c.	cum.	7	8
2		1		. /		4-5	5		30.29							4	
3			1	N. 1/2 01.	"	4-5	5		30.29						am nine	3	
4	5	3	39.1	N 3/4 W.		4-5	5	3/4	30.29	77	75	73	78		1	5	
5	5	0	44.1			4	5		30.31						cir. cum.	5	
6	5	1	49.2	A by 91.12 96.	M. ly F.	4	4	1/2	30.31	77	75	73	76			5	
7	5	6	54.8	4. NO.		4-5	5		30.32							5	
8	5	0	59.8	N. N. W. 1294.		4.5	5	1/2	30.32	77	75	73	78			4	
9	5	4	65.5	J. S. Ob. 14 Ot.		4-5	5	1/4	30.32	77	75	73	78		cum.	5	
10	6		71.5	1.19.3/494.	04. FO4.	5	5	1/2	30.3/	77	75	73	78		-	6	
11	5	5	78.1	1.101.1201.	,	5	5	1/4	30.30	78	76	74	78			7	
Noon	. 6	5	84.8	N. N. Of. 3/4 Of.	"	5	5	1/4	30.30	78	77	75	78		cir.cum	8	
			~	. 0											-		

117. 3 Distar	uce run by Patent Log.			
Course and distant	ce made good since preceding noon by observations, J. 1	9:01. 1	/O knots. tenths.	
	(Latitude by D. R.		40 0 54 · Jr. "	
	Longitude by D. R.		63 0 54, 04. "	
Position at Noon:	Latitude by observations of ⊙		40 0 55 dr "	
	Longitude by chronometer from Forenoon Observations	of ⊙	63 0 32 , 94. "	
	(Latitude by D. R. from Now		40 0 38 . W. "	
Position at 8 A. M.	(Latitude by D. R. from Noom (Longitude by Observation)		63011,94.11	
•	(Latitude by D. R. from Now		41021, 1.11	
Position at 8 P. M.	(Latitude by D. R. from Now Longitude by Edwarmeter from afternom observ	vation o	63051,04.11	
Current during the	e time, 16 knots tenths per hour, setting to the	East.		
	ass by Azimuth o observed at 8 a. M., ship's head	1.1.24.	160 17. 24.	
Deviation of the C	ompass by Azimuth O observed at & Q.M., ship's head	.,	0 39 1 % variation	on used, 17000 . W.
Restor of the Comp	ass by Azimuth o observed at 4 99%., ship's head	104.3/404		-
	ompass by Azimuth O observed at 40 %, ship's head		4 0 08 Of. variation	on used, 17 0 20 . %.
Water expended du	aring the preceding 24 hours,		400 gallons.	
Water	during the preceding 24 hours,			
Water remaining o	n hand fit for use at Noon,		2100 "	
Coal consumed dur	ing the preceding 24 hours,		tons lbs.	
Coal remaining on	hand at Noon,	1	58 "/330 "	

Р. М.	T																
1		3	91.1	N. A. 94. 3/4 94.	04. FOL.	5	7.5	1/2	30.28	78	77	74	73	b.c.	cir.cum.	8	.9
2	5	7	96.8	A Ch. by N.	,	5	7.5		30.28							9	1.
3	5	3	2.1	NOV. 3/4 N.		4	6-5	1/2	30.28	78	78	74	72		-	9	
4	4	2	6.3	J. W.	991. by 01.		6.5									9	
5		5	10.8		. 0	4	6-5-							b.		10	
6	5	5	16.3	NO4:14 N.		4	5.6							b.m.w.		10	
7	5	8	22.1			4.5	5.6									10	
8	5	5	27.6	NOL.			5-6							b.c.m.w.		9	-
		9		194.3/496.	POV.	4-6		41	,		/	1					
10		3		494. by 94. /2 94.	Parly 8.	4.5										10	
11	2	0	33.2	Q. 494.	,	4.5										10	
Mid.			33.9			4-5			30.28							10	
			-														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midnight to 4 a. M. Generally clear with passing rain clouds and sends from Old.

Onodevate to stiff beeze from Old Moon row about 12.40. Course Ol by I. (go.) Phip by the wind on the first tack, under for topmast staysail and all plain sail to topgallant wails except a enigle neef in the manuscit. Apprentices at the wheel JUBCaparton.

From 4 to 8 a. M. Swittmanh W. J. M. W. J. Fair and pleasant By the write on pool tack under came sail as we preveding watch. Apprentice at the wheel.

Drom 8 a. M. to Cherid.

Shear. Moderate to stiff buezo from Oh by Land Oh & Ch. Concu Oh by N. (g.c.).

By the wind under same sail as in preveding watch. Oh J. 30 mustered at quarters and then mustered all the apprentices in their own parts of thehip and examined and untrusted them in their duties on Combination Bill, until 10.30 Dens 10.45 to 11.45 the second watch had practical seamounthip and the 3rd watch signals. Oh 10.30 eighted a steamer standing E. 44 F. (g.c.) Exchanged tolors witch her and made her set to be a Jerman transportance. Apprentice of the wheel Temperature of magazine 172, 723, forward, 772, 752, aft.

From Pherid to 4 P.M. Shear, warm and pleasant. Ftelf to moderate breef from It. I. It to I I by It. Barmeter falling. Circles all plain said to topgallant said earsest as single rest in manial by the writer on the post tack. Bourse I 4 I I I I I appendices overhauling clothing during watch appendices at the whal.

Over Welles J.,

Dern 4 to 8 P.M.

Clear and damp. Fiff breeze from Flh by W. During watch eighted a steamer, apparently an oil steamer, standing to Ed. and another steamer apparently a liner standing to Pob. At eld of watch under all plans each to topigallant sails, heading N. Come & N. W. W. Capparentice at the whele.

Apprenticie at the while.

Dean & P. M. to Phid.

Dean cool and very damp Product to stiff breeze from F. D. Laking to
F. M. by F. Comme Ot. by N. Gre.) At F. 30 took in and fueled topgallant sails and branch up
manufail At 9.30 hauled down four topmast staywail It such of watch ship by the wind on port
track under jil. forwail, topsails and aparker apprentices at the whell H. G. Caperton.

Leitenant W. S.

Examined and found to be correct.

J. B. Me illow, Son. Navigator. Sientemant & & M. Navigator.

59.6

64.7

Noon.

Q. 101.12 94.

the UNITED STATES Thip Essex To Making passage from Norfolk Va. to Rewport, R.D.

8/430.26 72 68 67 64

1230.25 72 68 67 66

Third Rate,

9 2

ciricum 9

A. M. NO. by 94 3/494. 99. by J. 4 5 1/2 30.27 73 68 66 64 b.w. 10 9 2 1 36.0 1/2 30.26 72 67 65 64 2 8 38.5 5 10 1/2 30.25 72 67 65 63 Of. A OL: 14 Ot. 5 10 40.0 1/2 30.25 72 67 65 62 2 41.1 04.404. 4 5 1/2 30.25 72 66 65 63 b.c.m 42.5 J. Ol. by Ol. 3/4 04. 5 1/230.25 72 67 66 64 3 44.5 1/230.26 71 67 67 65 0 45.5 1/2 30.26 71 68 67 65 cum etial 9 78 47.2 1/2 30.26 72 69 67 65 b.m. 48.3 none 10 3/4 30.26 72 68 67 65 b.c.m. 10 54.5

				Annual Control of the		
77. 6 Distance run 1	by frg.					
Course and distance made good	since preceding noon by	observations, A 49º 94	62 knots.	tenths.		
Latitude b	y D. R.		41 034 'N.	"		
Longitude	by D. R.		64048194.	"		
Position at Noon: Latitude by	y observations of O		41035.1.			
Longitude	by chronometer from Fore	enoon Observations of ⊙	64 °37 'W.	"		
Position at 8 A. M. Latitude b	y D. R. from Nom		41 0 81 'N.	"		
Position at 8 A. M. Longitude	by observation o		64013 194.			
(Latitude b	y D. R. from Noon.		41047. N.	"		
Position at 8 P. M. Longitude	by Chronometer from	afternom observation o	65015.04	. "		
Current during the time, //	knots tenths per	hour, setting to the East.				
Error of the Compass by Azim	uth O observed at	, ship's head	0 '			
Deviation of the Compass by A	zimuth O observed at	, ship's head	0 ,	variation used,	0	,
Error of the Compass by Azim	uth O observed at	, ship's head	0 1	"		
Deviation of the Compass by A	zimuth O observed at	, ship's head	0 /	variation used,	0	
Water expended during the pre	eceding 24 hours,		4.00 gs	allons.		
Water	during the preceding 2	4 hours,		"		
Water remaining on hand fit fo	r use at Noon,		1700	"		
Coal consumed during the prece	eding 24 hours,		tons 1/20	lbs.		
Coal remaining on hand at Noo	n,		158 " 210	"		

P. M.																	
	3	5	68.2	Q. 10.	99. by 9.	4	5	1/2	30.24	72	68	67	63	b.c.	cir.um.	7	L.
2	4	8	73.0		.0	4	5		30.24						-	6	,
3						4	6		30.23							5	
4	4	9	82.5			4	5	./2	30.22	72	68	67	63		-	5	
5	4	4	86.8			4	5		30.22						cum nink		
6	6	1	91.9	N. C. by 94.	gen.	4-6	6		30. 22						ninh	0	
7	5	6	97.5	NOV. 1/2 N.	Ja. by W.	5-6	8		30.22						"	0	.,
		7		NO4.3/4 N.	04.964.		7		30.23						"	0	-
9			3.0	Louth	Ot. by of.		-		3025						"	0	6.
10	1	4	6.1	Fly W.	Otest	3.5	5.8		30.25						-	0	
11		4		1										b.c.m.	"	3	-
Mid.			7.9	\$ 1/2 OU.					30.27							3	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to & D. M. Moderate breeze from 90% by I blear and cool. Bright moonlight Herary dew. Fronth are. Onon rose at 12.40. By the wind on port tack undirit, aparter, forwail and topsails apprentices at the wheel.

R.be From 4 to 8 a. M. Lieutenant Q. J. W. blow and mixty borism. Moderate breeze from I ON by S. By the could laying cary close under same sail as in pleceding watch. Ehrew ON by N (So) W 5 a In sighted a large strange with three surhestacks heading ON by N (pc) about two miles to unidward W 6 a M. another stance was eighted from mast head heading to Ex. apprentices at the wheel

From 8 a. M. to Overid Eleav ornhead with mity horizon. Moderate breeze from FD by F. to F. F. D. al 8.30 set manieril and for topmeet stayeril and at 9.00 topgellant early. At end of watch under plain early to topgellant early with rich manieril, by the unid on the port tack. Lower D. by N. (20) From 9.45 to 10.30 the first watch had interviting in compass log and stations at abandon ship; seemd and 3rd watcher, pictole, from 10.45 to 11.30 all watcher got up both brow chance and had unitwetten in same. Apprentices at the wheel Surgerature of magazine forward 712 742 attemperature

Roger Welles, In. Ensign W. F.M. Own Merid to 4 J.M. Parthy cloudy and misty. Moderate to stiff breeze from 9 % by 8 8 and drill as follows: from 1.15 to 2.00 14 watch ground stads; 2 nd watch growns town from 2.15 to 3.00 14 and 2 nd watcher growners. At 3.45 called away all brate amed and Soverey rand equipped for service when hable to be officered. Ourhauled and sent below both how channer At 3.50 took in voyale and harled down flying jit. We end of watch under all plain each to topgallant each heading. W. Net. Come. Oh. 12 No. appendice at the wheel. n. J. Colman

Ensign U. S. W. Oum 4 to 8 P.M. blondy vainy feggy and unsettled weather Troduct breey from Fob., oring to ON. I I and winesing to a fresh breey, with pressing shower and fog. At 5.30 took in and fulled trygallant earle. This by the wind on spot tack at end of watch, under for typinal staysail and plain sail to topsail, except emigle neef in manusail appendices at the wheel.

Lieutenant U. J. M. From 8 J. M. to Mid Greek to moderate breeze from Oh by F. and Obest. Thick for fresh two burns, afterwards cloudy, with stars shriving at intervals. At 8.00 called all hands, wore ship, bruiging her by the unid on the starband tack, heading Buth; handed up maineael, took two aliago needs in the topsails and hauled down for topmet staysail. Sounded for how at intervals of not more than two munities until 10.00 when for cleared. We end of watch under jet, expanser, foresail and double needs topsails. Apprentice at the wheel At 8.00 changed course to N by 3. Trentenant U. J. Dr.

Examined and found to be correct.

of magazines, forward, 77°, 74°, after 76°, 74°.

Lieutenant & F. M.

M. D. Caperton

the United States This Essex. Thuid Rate, Making passage from Horfolk, Va., to Chewport, R.D.

A. M. 42 Oh. by N. 3 30.27 75 69 66 65 b.c.m. cum suit 3 6 5 1 5 I by 04:12 04. 8.8 5 3 30.28 74 68 65 64 3 30.28 74 68 65 64 4 8.8 0 3 30.29 74 68 65 64 2 4 3 30.31 74 68 68 69 0.0. 6. 2 1 2 3 30.32 74 67 67 69 No eterrageway 0 30.33 73 68 67 69 0-1 1 0 0 30.34 72 68 67 68 0-1 0 101. 0 30.33 72 68 67 69 0 & 9 0-1 2 0.1 2 0 30.34 72 69 69 69 O.C. 10 Calm 11 0 30.35 72 69 69 69 .. 0 30.35 72 72 70 69

48.8. Distar	are run by bog.		
	e made good since preceding noon by observations, J. 75° %.	/ 5 knots. tenths.	
	Latitude by D. R.	41 036 'N. "	
	Longitude by D. R.	65 007 104. "	
Position at Noon:	Latitude by observations of O	41 036 11. "	
	Longitude by chronometer from Forenoon Observations of ©	64 0 50 .94. "	
	Latitude by D. B. from Noon Longitude by D. B. from 4 P. M. June 28. Latitude by D. B. from Noon Longitude by Shevenneter from afternoon observation o	41036.00 "	
Position at 8 A. M.	Longitude by D. R. from 4 P. M. June 28.	65007.04."	
	(Latitude by D. R. from Now	41026 . 1. "	
Position at 8 P. M.	Longitude by Chronmeter from afternoon observation o	65027 . 06. "	
Current during the	time, 12 knots tenths per hour, setting to the Gast		
	ass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,	į
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1 11	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,	•
Water expended du	ring the preceding 24 hours,	300 gallons.	
Water	during the preceding 24 hours,		
Water remaining or	hand fit for use at Noon,	1400 "	
Coal consumed duri	ing the preceding 24 hours,	tons 320 lbs.	
Coal remaining on 1	hand at Noon,	157 " 2130 "	

P. M.																		
1	0	0	Hauledin	No eterageway	balm	0	2.3	0	30.34	73	71	70	69	.b.o.f.w.	cir. um	5	2	
2	0	0		. 0	C4.9 Q4.	0-1	2-3	0	30.34	72	71	70	69	b.o.f. n.	wint.	0		
3	1	0	08.9	9.96.	99. by 24.	1	2-3	0	30.34	72	71	70	69	b. c.v.	nint.	2	-	
4	0	9	9.8	C4:14 N.			0							b.o.				ı
			16.9			1	0								cir. cum.			l
6	7	9	24.8												cum.	2	-	į
	7								30.35									ı
	7,			,		1	0		30.35						eïr.	6		
9	"6	3 2	46.8	Otist.	901.	2	0		30.35					b.o.w.	cum. etra	19	9.	
			54.0	,,		3	0		30.35						cum	8		
11						3	0		30.35							9		
Mid.						3	0		30.34							9		
										1							-	Į

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clady: mixty occasionally, Gentle to moderate breeze from Mbyt. By the wind close, under same sould as in preceding watch. Come & by The Shoppy sa. appendice at the whel.

Shurall, Dien 4 to 8 a.m Lieutenant U. J. W. Quivast, foggy and passing rain showns. balms and hight air from Q. I W. to H. S. O. Under anthorne topsails, foresail, jit and sparker. No sterrageway last two browns. apprentices at the wheel.

Roger Welles In. From 8 a. M. to merid Overcash, foggy and drugling blearing at times balon to light dire from Not Barometer rising. at 9.30 mustired crew and apprentices at quarters and suspected oil skews of apprentices at 9.46 sounded to five quarters and the divisions were reported ready in the following times: 1st division 3 minutes; 2nd division, 3 minutes; 3rd division, 3 minutes; Naugatore division, 3 minutes, after Parder, Forward Onnow and Engineers Livin in a minutes. Fernied at 10 o'clock. At 8 45 made all plain sail to topgetland sails and at 10.30 took in mainister and speaker. At end of watch under all plain sail to topgetland sails except mainisal and expander with no steeragenery heading 6.96. Source Ily 9. appendices at the wheel Temperature of magazine 772, 742, forward, 762, 742, aft.

Gusign Q. J. M. From Merid to 4 4.9k. Severally closely with fog first bour; rain from 2 to 30 clock with indications of cleaning last bour. balus and light air from 9 90 to 194 by 4 21 12.45 started free under boilers to E. and I. I have a started free index for instructions were mitted on around of rain: the 5th period was about to 6 closely. abortung and firling soil. At 3.45 took in and fuled topgallant early toppaals and forwail. At 10 clock fuled the manieul and just on yeard cover top and mark cover. At 3.45 started ahead on engine and langth ship on concer & 14 4 6 c.) patint bog reading 8.9 miles. Apprentices at the wheel. At end of watch ship under steam and jit. arrage steam 54 lbs, arrage revolutions 44. W. 12 Capirlon

Lieutenant W. L. D. Oran 4 to 8 C. M. Light aim from IN. by W. Fair and pleasant. Long will from Web. On course It to N. per Francheed under steam, jit and expanser, using boilers of 6 and D. Teraped and studied appear arrange eteam, 54 lb. annage revolutions 44. apprentices at the wheel.

Treiterant U. J. Ok Our 8 O.M. to Mid. Clear and damp. Light to gentle breeze from Feb. Steaming with jit and expansion ast. at 8.10 changed comes from It to Beet (p.o.). Revolutions 44. Steam presence 55 lb. Dries under brilers A, 6 and D. appentices at the wheel.

Hercell, Lieutewant U. F. De

n. J. Jod sman

Examined and found to be correct

J. B. Million, Suitenant D. In.

LOG of the UNITED STATES

of the United States Phip Essex Making passage from Chorfolk, Va., to Chewport, A.S.

Thud Rate,

COURSES STEERED by Standard Compass. go4. 0 30.32 73 65 64 58 b.c.w. cir.cum. 9 West 3 2.4 3 75.8 81.8 3 2.4 0 30.32 72 65 64 58 9 9. h. g. 0 30.31 72 64 63 57 b.c.m. 87.9 0 30.30 71 62 60 57 b.o.f.w. 94.8 0 30.31 70 60 59 55 0 30.3.2 68 60 59 55 b.c.f.p. 0 30.32 66 60 59 55 b.c.m. 14.6 0 30.30 66 60 59 55 O.C.m. 22.4 0 30.32 66 60 59 55 0.0. 8. 3 2 0 30.31 65 60 59 55 6.0. 8. 33.3 3 2 0 30.31 65 60 59 55 11 37.3 0 30.31 65- 60 59 55 41.9

132. 2 Distance new by Patent Log.	
Course and distance made good since preceding noon by observations, 977 %.	120 knots. tenths.
Latitude by D. R.	41 008 11. "
Longitude by D. R.	67 030 , 94. "
Position at Noon: Latitude by observations of @ No observa	ativi o ' "
Longitude by chronometer from Forenoon Observations of ②	67 0 30 1 94 " 41 0 13 1 V "
Position at 8 A. M. { Latitude by D. b. from Noon/ Longitude by observation	
Position at 8 A. M. (Longitude by observation	67.07.94."
(Latitude by D. R. from Noon	40 0 56 11 "
Position at 8 P. M. Latitude by D. W. Jew Noon Longitude by Chronometer Jeon afternow observation	68 ° 16 '9k "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / / variation used, o
Water expended during the preceding 24 hours,	400 gallons,
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1000 "
Coal consumed during the preceding 24 hours,	9 tons 240 lbs.
Coal remaining on hand at Noon,	148 " 1710 "

D. V						T			1								
P. M.	3	3	45.2	21:14 S. 24:14 S.	9%.	3	2	0	30.31	66	61	60	55	b.o.f	cir.eum.	2	9
			48.4			3	3										
			52.9	,		3	2	0	30.30	66	60	59	54	o.f.	wint.	0	1
			56.0			3	2							,.			
			54.8			3	2							· f. ne			
			65.0			3	2	0	30.29	65	60	-59	54	b.c.m.	cum. nimb	5	
			69.6			3	2	0	30.30	65	60	59	54		cum wint.	4	4
			73.9	. ,,		3	2										
			77.9	04.3/4 g.		3	2							b.e.f.w.			
10	3	7	81.6			3	2	0	30.32	68	60	59	54			2	
			86.5	"	,	3	2	0	30.32	68	60	59	54		-		
			91.0			3			30.30							2	
																	1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sex to I & Dunder steam, jet and spantier, on corner that (p.c.) at 100 stopped engine and get a cash of the lead (Thomson Machine) in 86 fathems brown sand and evance grant, and at 2.30 in 54 fathoms, brown sand, black expects and broken abelle. Apprentices at the wheel Tteam 55 lbs. Revolutions 42. Started fog whistle at 3.50. More rose at 1.10. O'um 4 to 8 a.m gray sand. Apprentices at the wheel, aways than 55 lbs. aways revolutions 45. M.V. Colsman From 8 U. M. to Merid from I. W. Hept which gring from 8.30 the non. This on he course It 14 N. (pc) under steam and from all for and aft sails, going half speed. Appendicion at the wheel. It cash of lead at 11.00 in 26 12 fathous water bottom gray band with black speeds and at now in 29 fathous bottom same as at 11.00. Supposition of magazines 76° 74°, forward, 70° 74°, aft. Average steam 30° 15°, withting 30° 11°, Laperton. From Merid to 4 9.90 fruit two bonce For how for and aft sail at 2.00. Running watch : sky showing at intervale
fruit two bonce Forth in for and aft sail at 2.00. Running at slow speed under our helf all
of watch, except from 2.17 to 2.30 when went absent at full speed the for chaning during that
time. Somewhat steam which at intervale of not more than two minutes. Italiand fortents aloff
and on forcastle and peop. It is east of the lad at 3.20 in 28 fathous of writer bottom frue
group and with black speechs. By order of bounsaiding Officer and on recommendation of Board throw
websaid 27 pallows of brane condumned by Sunterly Board of Turry. Contractoris name. 6. E. alrew Octory.
By order of the Communing Officer, changed couls at 125 to 148. per Handard, patur bog 428.
Arrange steam 55 the corrections 30.5. Appunticies at the whell. arrange ateam 55 lbs, revolutions 30.5. appenticis at the wheel. Roce From 4 to 8 P.M Lintenant U. S. W. Foggy and miety Partially clair variety of the truice Gentle buy from IN Course I 4 & (ge) I training with five under bottom A. C. and D. Pumming alow during foggy partie of watch at 5.50 attacks wheat fall speed and at 6.20 about down again. At 80 clock get a cast of the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well the Back in 21 looking the get as well as well the get as well as in 21 fathome, fine grey sand and black specks. Stopped one munite while getting sounding apprentise at the wheel. Hurall, Leutewant N. J. R. From 8 P. M. to Mid. Very foggy cleaning occasionally withead . Gentle beey from IN. Under atom down at slow apred - at 824 changed course to N. H. F. (p.e.) at 12.00 got a cast of the lead in 21/2 fathoms, bottom gray Rand, fine black agreence. apprentices at the wheel. Roger Welles, In. Communder, M. D. D. Courty. J. B. Miller, Navigator. Lieuteneich Vo. F. N.

LOG of the UNITED STATES This Essex Phird Rate, Making passage from Phorfolk Va. to Newport, R.S.

			Reading		WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
А. М.	49	9		01.2/10	00, 0 -0	1,								D 0			i
1	4	3	95.3	Ox. 3/4 J.	SON. by S.	4	2	0						b.c. f 20.	aum.uin	8.8	9
2	5	7	1.0			4-5	2	0	30.30	66	61	61	56	b.c.p.	"	4	1,
3	6	3	7.3			4-5	3	0	30.30	66	61	61	57	t.c.w.	"	2	
4	6	2	13.5		991. by 94.	4-5	3	0	30.30	66	61	61	57			,	"
5	5	9	19.4			4	2	0	30.3/				,	Δ.		,	
6	5	6	25.0			3	2	0	30:32	66	61	60	54	,	reint.	2	"
7	6	1	31.1			3	2	0	30.32	66	63	62	55			4	
8	6	2	37.3			3	2	0	30.32	66	63	62	55		Cir.cum	5	
9	4	9	42.2	104.		3	5	0	30.32	66	64	63	59	b.c.m.		4	1.
	2	1		0,0,1, 1,		3.4	5	•	30.32			63	1000			3	
10	1	8	52.9	in.		3.4			30.32							5	10
11	1	5	61.9	19:14 1.		3.4	5.10		30.31			65				5	1
Noon.	9	6	71.5	-		5.4	0 10		00.37	00	06	00	24				

1304 Dietauce new by Patent Log Course and distance made good since preceding noon by observations, \$\sqrt{9}.80\cdot{9}\$. /20 knots. 40047.1." (Latitude by D. R. 70 005 194. " Longitude by D. R. Position at Noon: 40047 . 4. " Latitude by observations of O 70011.94. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Norm 40 030 . N. " 69034,94." Longitude by observation Position at 8 P. M. { Latitude by D. R. Jone Joon afternoon observation Longitude by Chemometer from afternoon observation 41013 , N. 11 71026:94 11 Current during the time, - knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head 350 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, 650 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 140 " 1710 Coal remaining on hand at Noon,

P. M.	0	9	80.0	14.41.	-0								,	0			de	
1	5	5	80.0	A 4.1. 94.	9 %. by 9.	4	7	0	30.30	68	68	67	64	b.c.m.	Cum mint.	4	9	
			88.8			4	7	0	30.29	68	68	67	65	b.c. f. w.		2		
			96.0			4	7							b.o.m.		2	.,	
			3.3	04.494.		4	7							f. m.		0		
			8.2		-	4	5	0	30.23	69	68	67	65			0		
6	4	3	12.5			4	6	0	30.23	70	69	68	66			0	-	
7	0 5	8 9	13.3	in.		4		0	30.22	70	69	68	67	b.e.w.	atial.	7		
			27.8			4	7									5		
			34.1	Thijs head		4	1							6. f.w.		5	.,	
	-		chor	24:12 N.	,	3								o m.wl.		0		
				Q. F.W.	Q1. 9.04.	3								0. f. w.l.		0		
Mid.				ON. by 9.	OH. by 9.	4			30.24	74	64	65	69			0	2	
				1	1								1					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Cloudy and foggy first how releaving last two hours with pressing showers. Fight to stiff brezzi from Tot by t to FN by N. att 120 forg lifted and expend for signal and received file exceed with the engines at 3.050 clock put helm to starboard and stord file for about fix munitive to avoid a large earling week, showing a flack hight and grew light at times. At 3.10 resumed comes N. 45 inth and the present clear and to lectured. I roll arendings at 30 clock, 34 fathrone, fine grey cand. Itofied the enquire for two munities. A end of watch under steam in boters as b. and D., or course N 34 S. appendicio at the wheel. arrayo revolutions 41, arrayo ateam 55 lbs. 1 Coman

Clearing and pleasant, with has around horizon. I entle breve from IN by W This on her course N. H. F. (p.c.) Under attain al 30 exchanged color with the German steamer "Moraria" and at 7.50 exchanged colore with a large steamer standing to the Eactivaid but could not make out her colore at 8.00 got a cash of lade in 31 fathouse water, bottom grey wand with black expective at all 8.00 changed concerts 4.94. (pc.) patent leg 37.3 miles. apprentices if the wheel blacks 5.6 area wordstone 44.5.

1.75 Caperton,

2. 2016 on to the standard concerts 44.5. Own 8 W. M. to Merid

Sentle to moderate breeze from FM by N. Frair weether mixty around brougen. For orth sea. Made the following changes in the course by order of Commanding Officer: At 8 40 to N. N. M. M. patieb by 422; at 10.52 to 19% to the patent leg to 5. At 815 made for and aft each except flying jet and for topmach stayout. At 10.00 called all hands and made all plain cail to expel except maintail. Stepped engine from 9.45 to 9.49 and get a cash of the lead with sounding marline in 28 fathome witer (depth recorder 29 fathone), bottom gray cand, black expecter Stopped engines again from 11.56 to 12.00 and get a cast in 16 fathome of water the depth recorder and tule agreeing inthin on half Jathon al 930 colled all bands need the action of War, and had Jewel Menter finding all jovent or accounted for Ahmod colors to a large fore-marted straver standing to Ald. and Wa., when colors we could not make mb. ab end of with under strave (wing these boilers) and main tupail and all plane wait to expel except manifeld. areay Than 55 lbs; revolutions if & appendix at the while Jamp magazinis 77.70 foil; 16.74 of

From Merid to 4 9.9W.

Mity and boyy, any dense last how. Dair to clody orchard at tenis. Moderate bring from IN by F. at 12 m. changul course tart h (pc) at 12 m to 4 W 14 W. (pc) and 24 3 84 to N. & (pc) God anualings as followed at 10 m. 20% fathere fine grey cand gallow agreede: At 3 P. M. 23/2 fathere fine grey cand, black expects and 4 P. M. 22/2 fathere fine grey cand black afrech story a minute at each counting a 1.10 took in argale. Should drow or account of for such trops also full exped. At 3.23 about drow or account of for and trops in topgalland each at 3.34 togs in topsails. At each of watch strange with free under boilers a, b and D. jet for trymaet stayoul, main tryail and aparter art. Itean present 55 lb. Revolution 42. Apprentice at the wheel.

Jum 4 to 8 9.9%.

Lieutenaul W. J. M.

n. J. Coleman

Eusign U.S.W.

Doggy to cleaning last two lines. Moderate breen for IN by I Ruder steam, jet, for transest staycal, foresail, muse trysail and apender on come & 4 N. Go. and such alrade full speed. ab 500 considered in is fallow bottom light gry cand, black specks; at 6.00 in 19 fallows bottom gry sand black specks and grave; and at 8.00 in 22 fatherer, bottom light gry aand and black aperte. Apprenties at the wheel, Iteam 58 lbs. Robertime 35.

Roger Weller J. Penn 8 P.M. to Mid. Elondy and mixty with dictant lightning Moderate to quitle brey from I N by I at 90 close took coming , 16 fethome, frie grey early black apacks at 8.40 took in end falled foresel, and at 9.20 fulled all for and aff sail and let go fort auchor in 18 fathous inter as the weather was there. Banked forwarder bollow a 6 and 2. at 9.50 commenced dictilling. At each of watch anchoride sit 18 fathouse chain, banked force under bollowleds and I Detalling N. D. Colombia.

Examined and found to be correct

J. B. Me illon, Luitement M. J. R. Raingaton.

LOG of the UNITED STATES Ship Essex. Third Rate, Making passage from Norfolk Ba, and Moord to busy Newport, R. J.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1	62	6		al auchon Oh. IN.	Q.90.	3-4								o.f.w.l.t.	mil.	0	9.
2						3.4			30.24						"	0	
3				991. by 91.		4-5			30.22							0	
5			34.5	SO) Underway		4	-							b.c.f.	cir.eum	+	
6	2 2	5	37.0	N. M.	"	4	5	0	30.25		1.		-		.,	5	
7	3	9	3 9.3	Standing into Mengeth Harbor	,,	3	0	0	30.27					0.c.f.	numb.	0	
9		26	urent	9W.	FW.	3			30.28					b.c.	cum	7	13
10			Flack			3			30.28	71	71	70			-	8	-
11	0	2	Flord	9.904		3-4			30.27							9	-
Noon.	0	2				3.4			3026	. /3	72	70				9	-

76. 0 Diitau	se run by Patent Log.			
	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	.,	" .
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	11
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	۰	1	"
Current during the	e time, knots tenths per hour, setting to the			
. Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	'	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used, ° ′
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"
	ompass by Azimuth O observed at , ship's head	0	,	variation used, o
	aring the preceding 24 hours,	6	00	gallons.
Water distill		5	30	
	n hand fit for use at Noon,	5	80	"
	ing the preceding 24 hours,	3 tons /	660	lbs.
Coal remaining on		137 "	50	"
		,		

P. M.	(80		da. 0.0	994.		. /			b.c.		9
1		Plac		904. by J.	J.W.	3	30.26 73		1	v.c.		1
2	0	1	Flord			3	3.0.26 73	75	73		cum etat	9
3	0	1				3	30.26 73	76	74			9
4	9	Vac	K			3	30.25 74	4 77	75			9
5	0	1	8bb	991.		3	30.21 7	1 75	72			8
6	0	2	"	991. by 9.		3	30.21 7	4 75	72	,		7
7	0	2		9. Pa.	J. 9 04.	3	30.21 74	1 74	171			7
8	0	9				3	30.2174	174	71			8
9		0		Shy M.		3	30.20 74	170	68	b.o. m.		8
10		0		Porth	South	3	30.19 76	70	68	"		9
11		0		,,		3	30.19 76			"		9
Mid.		0		fly 6.		3	30.18 75			0.c.m.	numit	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to # a. M.

Bery thick and dense for all of watch . Kept for belle going at intervals of not larger than 2 milutes. Sentle to moderate breeze from N. I. Dightning and thunder during watch. Distilling with frew banked under bolew a. E. and T. Seviral schomer present close abraid conning from about Med and heading to the Eastward.

W. H. a Berton. Willaporton.

From 4 to 8 a. M

Lieutewart U. J. N. Moderate to guille breeve from Ch. Th. Thick fog until 4:30, after that cleaning. Spread free under boiler a. C. and D. at 4:55, and stopped detilling at same time Called all blands and got underway at 5.25. at 5.35 started about on course A D., per standard gottent log reading 34.5. at 6.50 eighted Bruton Reef Lightedlip braining A D. E. at 6.55 particle by reading 42.7, rounded Light Lley and estapped course A A B. Bauted in patul log at 6.32. At 5.35 act for and aft sail except flying jet. ... Dook in all sail at 6.20. at 1.50 act clock brow 20 minutes. At 7.08 made Shipe minuter to the Emittleton and when answered, briefed Int. 1211, Constellation answered and made 904. Afterwards made Int. 5590 Constitution arranged and mode 90 4". At 7 st stopped engines and new howers to know Started distilling at 800 arrange steam 55 lbs; revolutions 38. Apparenteries at the wheel. Everal ending wreeks in night during witch. Ornand in port the Constitution of the amount and the constitution of the constitutio Le Leutenant W. J. W.

Dem 8 a. m. to Pherid. Clear. Gentle to moderate breeze from FO. Engaged in painting ship ontende at 820 made Interregatory 2121, Constellation ancurred 904. W18 30 made Interregatory 5455, absenced 904. ab 10 a. on made Intervegetory 4557; unserved go 4. Ab q a M loved sail to a bowline ab 10 a M. allowed fire to die out under boiler 6. and D. Banked frier under boiler a. Lowered another stack Commanding Officer paid an official visit to the bommandant of the Gaval Hation and received an official visit from an army official week to the Communicant of no man of Fort adams. Got out steam cutter Temperature of oraging officir or the pert of the Communican Officir of Fort adams. Got out steam cutter Temperature of oraging of the Frank of the Second of the for duty as the relief of Energy Roger Weller for I & A. R. 120 Lieutewant U. J. W.

Ouns Merid to 4 P.M

Cleav and pleasant. Gentle breen from F. M. Meseird in Equipment Sept. the following storie; 18 cirls maille roge, 1 harpom, 1 hatch tarpaulin, 4 cases, marked Wardrown chimic, and 3 cases water coolors, all except the rope and bayon bring returned to Training Ration for storage & M. Weight (Opp 3.4) reported on brand. At 2.55 made general signal Interrogation 4826 which was answered by Constitution with 90 H. Freek (See Distilling with banked fire under briles a. Roger Welles In Eurique With Mr.

From 4 to 8 @. 9k. Sistilling with banked fire under biler a Tent insiting party to Portementh. Leutenant 21. L. M.

From 8 P.M. to Mid.

party to Portemonth returned Harita all brate. Destiling with backed free in bree a. Roger Chellis, fr. Examined and found to be correct,

J. B. Moiller, Navigator. Lieutenant Q. J. M.

LOG of the UNITED STATES Thip Essex.
Moored to Buoy, Phenyport, R. J.

Third Rate,

					WIND.				BAROME	TER.	TEMI	PERAT	URE.			Bear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
	Jid	al t	Curent	,													
A. M.	0	,	Flood	9h 6.	South	2			30.15	75	70	68		0.c. m.	ninh	. 0	
2	0	,	"	9.96	9.96.	2			30.12	74	69	68		0. f. w.		0	
3	0	,		98.49.	96. by 9.	2-3			30.09	74	69	68		0. f. p		0	
4	0	,		9 h 6.	. 0	2-3			30.06	74	69	68		0.c.T.		0	
5	0	,		1		3-4			30.05	73	68	67		0. f.n.		0	
6.	0	,		,	9.98.	3			30.03	74	69	68				0	
7	0	0		9.901.	Pinth	3			30.01	72	70	69		0. f.w.		0	
8	0	0		£9.	3.901.	3			30.00	72	70	69			.1	0	1
9	0	0				3			30.00	72	70	69			,	0	-
10	0	0		g.g 94.	FW.	3.			30.00	71	69	67				0	100
11	0	0				3			30.00	72	71	69		b.c. f	cum.	4	-
Noon.	0	0				4			30.00	72	71	69				4	

Course and distance made good since preceding noon by observations, knots. tenths. Latitude by D. R.
Catitude by D. R.
Position at Noon: Longitude by D. R. Latitude by observations of ♥ 0 ' " Longitude by chronometer from Forenoon Observations of ♥ 0 ' "
Position at Noon: Latitude by observations of O
Longitude by chronometer from Forenoon Observations of O o "
0 ' "
Position at 8 A M
Congitude by
(Latitude by
Position at 8 P. M. { Longitude by Congitude by Cong
Current during the time, knots tenths per hour, setting to the
Error of the Compass by Azimuth ⊙ observed at , ship's head o
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o ' variation used, o '
Error of the Compass by Azimuth ⊙ observed at , ship's head ' "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head ' variation used, o variation used,
Water expended during the preceding 24 hours, 400 gallons.
Water distilled during the preceding 24 hours, 951 "
Water remaining on hand fit for use at Noon, //3/ "
Coal consumed during the preceding 24 hours, / tons 650 lbs.
135 7640 "
Coal remaining on hand at Noon,

P. M.									cir.	
1	9.89.	JOW.	4.5	29.98	74	71	69	b.c. m.	eum. strat	4
2	901. by 9		4	29.98	74	72	69			5
3	fol.		4	29.98						7
4			4	29.98				f.w.	-	0
5	"		4	29.99					-	0
6	٠		4	29.99				b.c. f.	cum.	3
7	9.01. by 04.	. 991. by O.	. 3	30.01					,	4
8	Oh. by 9.	જા નું છા.	1	30.01						5
9			3	30.01	75	69	67	b.c.m.	cumptrat	5
10			2	30.0/					,	5
11	Porth	· Calm	0	30.01					"	6
Mid.			0	30.01						9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Overcast and raining. Light to gutte breeze from South to 9 E. Bavoneter falling Distilling with banked I fine in boils a. 7. J. b. of sman Cungall. I.M.

Thin 4 to 8 a. M. Mich and rain then for and mich. Gentle to morderate been from IE. by I to I I the Received in Dept. of Tupplie and accounts, fresh provisions as follow of the brade.

He Percell,

The Lectionaid N. IN.

From 8 a. M. to Merid.

Occash cloudy and miety. Sently to moderate breey from J. P. It I becomet to stady. At 900 called all hands aft on the Suntredeck and recent the Commandant of the Desiming Station and his ards. The Commandant started at once with the following inequation and hill: - breezed of ship and new at quarters ball to general Quarters, arrange time to percent, 3 minutes 22 seconds: Exercised at general quarters; around for easy time to menute of exercised at The Quarters arrange time of all straumer 2 minutes, 3 seconds. Tecund, Directory time to minute 55 seconds. Directory; as arrange time to directory in directory; and directory hands and injustion. Sail and speed willow as follows: Travels and to ergely 5 minutes, 44 seconds. Tamper make all and by minutes, 53 accords: Thorter and full and, 11 minutes, 53 accords: Thorter and full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are full and, 11 minutes, 53 accords: Thorter and reactions are the respection were consisted by 1140 At 1158 orders are delivered to the strip and ordering him to report to the commandant, Navy Yard, One Japon, A. J. for duty on board the N. J. Communities. Their line full of the full and ordering him to report to the winds where the strip and ordering him to report to the winds where the strip and ordering him to report to the winds where the strip and ordering him to report to the strip and ordering him to report to the strip and ordering him to report to the strip and ordering him to supplied the M. J. J. Communities.

Orn Merid to 4 9.90.

Bogg and mit; cleaning at time. Moderate to stiff begy from \$9. Oh Brusse (B.M. 2 c.) and J.M. Johnson (Yes) left the chip on seven days leave. Ot 1.30 made eighed page 5549 and Constillation answered 904. Tent about an answered fout of early of the made eighed purp 5422 and Constillation answered 904. Publish light early made them my and stourd them to the highest along with the stand allowed from the only and stourd the free to his only wind the stand of the third in the moder brief Or, and stopped distilling.

7. S. Colsman

From 4 to 8 P.M. Dever fry fish part, partly cloudy and forgy latter part Moderate falling to light breeze I. M. to M. The Bourneter relining alightly to be not Interograting 6144, Constellation are wired got at 6 20 consider to page 144.

From 8 P.M. to Mid.

Severally mixty and damp Starlight. balow to quite brey from N. 4 N.

N. D. God Sman
Energy W. 4 N.

Examined and found to be correct.

J. B. Neilton Sarigator.

LOG of the UNITED STATES Thip ESSLX, Third Rate, Moored to bey Drewpool, a. I. and making passage from Precipert, a. I. to View York.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Hear	800
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	Otata of the Sa
A. M.					1							.,		0			
1	0	4	Flord	9.96.	balm	0			30.01	75	68	66		b.c.w.	cum.	9	H
2	0	2		South		0			30.02	75	67	66				9	B
3	0	0				0			30.02	75	67	66			cir. cum	- 8	
4	0	0			FOU.	1			30.02	75	67	66		"	atret	5	
5	0	1		9. h. W.		1			30.03	74	67	66		,,	cir · eu	6	
6	0	0		Senth	J. J.W.	1			30.04					b.c.		7	
7	0	0		J. by 24.		1			30.04							6	ı
8	0	0		South	S94.	1			30.04							6	ı
9	0	0		0,0000		1			30.01		,					6	ı
10	-		Standing	out of Hackon		3			30.00	1		19000				7	Ш
		130	- maring	301		2			30.00	100	1				-	7	1
Noon.		4	48.2	91.149		,			29.99						etial	4	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Longitude by D. R.	0 ,	"
Position at Noon: Latitude by observations of ②	0 1	· ·
Longitude by chronometer from Forenoon Observations of . ©	0 /	"
	0 ,	· ·
Position at 8 A. M. Latitude by Longitude by	0 /	"
	0 /	"
Position at 8 P. M. Longitude by	0 ,	"
•	0 1	
Birdi of the compass by financia	0 /	variation used, o
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	9 /	"
Error of the Compass by Azimuth O observed at , ship's head	0 (variation used,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head		variation used,
Water expended during the preceding 24 hours,	431	gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	706 6 tons 192 128 " 197	"
Coal consumed during the preceding 24 hours,	6 tons 192	O lbs.
Coal remaining on hand at Noon,	128 " 197	0 "

P. M.												
1	6	8	51.4	94:14 9.	Q1.994.	2	29.99 73	70	69	b.c.	cir.cum	5
2	7,	0	58.4			3	29.99 73	70	68			7
3	4		65.1	Plet		4	29.97 72	70	66		cui nigile	2
4	6	9	72.0	21. by N.	Q. A.W.	4	29.97 77	. 70	66			1
5	8	9	80.9	Under cour of		1	29.97 72	70	66			1
6	5	6	82.5	Commanding Officer	M. 9.94.	3	29.95 74	72	68	b.c.p.	citicum.	2
7	7	1	93.3	Okest.		3	29.94 74	73	69	li.c.	um strak	7
8	6	5	100.1			3	29.94 7	1 73	69			6
9	6	2	6.3		Ox. A 94.	2.3	29.99 78				cum.	6
10	5	2	11.5		104.	3-4	29.97 70					5
11	5	5	17.0		"	2	29.99 78			b.o.p.	am wait.	5
Mid.	3	4	21.8	OH. 3/4 Jr.		2	29.99 78	71	67	b.c.		5

, U. S. Navy,

, 1894

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. . Blear and very damp balm first three hours. Light air from

Drow 4 to 8 a. M.

Draw wrather Fight air from between I. In and In Iteraty burneted. At about 645 Portunation made Intercogneticy 4890 which was accounted affectionistic by Contestionistic and at 700 Portunation stood and water of Rocker. Respect in Pay Dight from Calculation 8712 lbs. feel beef, 87/2 lbs. feel wastable, 70 loans of brad. at 800 decend align rain low feeline in how of the anuning of the Independence of the United States.

Partly cludy and cooler prather. Sight to moderate breys from W. F. & vering to O. A. W. Last how. Ence W. F. (pc.) until 2.15, when it was changed to Verel (pc.) and after that it was changed from time to time, beading for the Raw Under steam with free under balen it, 6 and "5. Many sails in eight. appointed at the whele areasy steam 55 lbs. arrange revolution 445. W. L. aperton.

From 4 to 8 P.M.

Partly clady and pleasant. Eight to gently breeze from M. 9 N. to M. 19 N. Barmeter.

falling Standing up Long served Jund, wider come of Commanding Officer. At end of watch bounfield bright Buy box NE by E. 14 E. (mag.) and Hoston Point Eight S. S. E. 14 E. (mag.). Our cover West with attain winder Inlus at the while arrange stam so 55 lbs. arrange revolution 44.

From 8 P.M. to Mid.

Partly clear with growing shown between 10 and 110 clock. Swelle to moderate breyon from that M. and A.M. Ennes their face of such 11.44 when it was cleaned to Week to North (pe), patent log rading 20.4 miles. Faced Frulker Island Sight at 9.47 on stadought have bearing to 4 & (mag), district 5.5 miles. Mr 10.25 Sou Hand stadt box algable at 9.47 on stadought have bearing to 4 & (mag). As the Mr. 10.25 Sou Hand Logat box algable at 9.47 on ag) At 9.30 eighted Statford though having W. I. Mr. (mag) and at 10.01 eighted Old Field Light having W. I.M. (mag). Under stream alms. Apprentices at the wheel Arrage stream 55 lbs. arrage revolutions 33

M. Deintmanh It I Oc.

Examined and found to be correct.

J. B. Moillin, Navigator.

LOG of the UNITED STATES Thip ESSENCE Steaming from Onewport, Q. J. to Crew York and

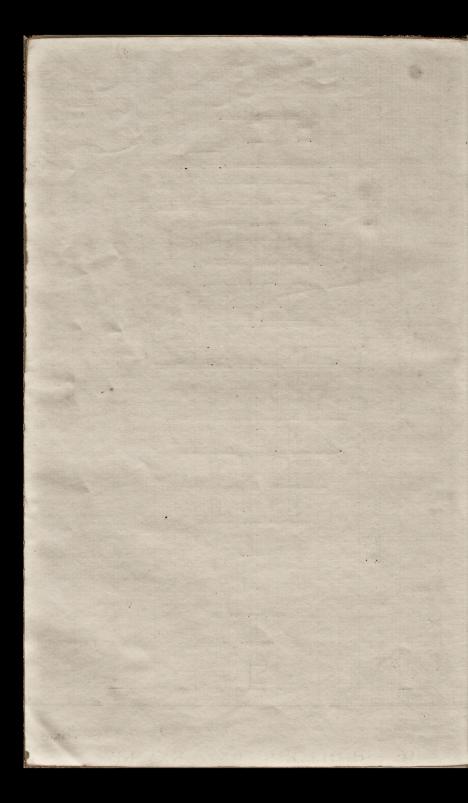
Third Rate,

			Reading		WIND.				BAROMI				URE.			Hear ths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
М.	71	6												•	cis.	
1	5	6	27.4	91.3/4 A.	19.	1			29.98	78	71	69		b.c.	cum mil	9
2	3	600	32.7	Oh. by N.		1			29.98	78	71	69			,	8
3	5	3	38.0	91.12 st.		2			29.99	78	71	69			cin . cum.	7
4	3	8	42.9	Ofest.		2			29.99	78	71	69			Com. strak	8
5	7	3	50.2	OH. 9 94.3/4 OH.		2			30.04	74	67	63				8
6	06	4	56.6	3 %. by 91. 0/4 94.		2			30.08	71	66	61			strat.	9
7	5	6	63.0	Parione courses		2			30.08	72	65	63				9
8	4	0	67.0			2			30.09	71	67	62		b.	nosu	10
9				,,		2			30.09	71	67	62		b. cr	cum.	9
0						1			30, 10	72	69	45			"	9
1						2			31.08	73	75	61.				9
on.						2			30.07	74	76	68				9

Course and distance	e made good since preceding noon by	y observations,	knots.		tenths.	
	Latitude by D. R.	,	•	,	"	
	Longitude by D. R.			,	"	
Position at Noon:	Latitude by observations of O		•	,	"	
	Longitude by chronometer from Fe	orenoon Observations of ⊙	0	,	"	
	(Latitude by		•	,	"	
Position at 8 A. M.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	1	"	
Current during the	time, knots tenths pe	er hour, setting to the				
Error of the Compa	ass by Azimuth O observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0
Water expended du	iring the preceding 24 hours,		40	0	gallons.	
Water	during the preceding	24 hours,				
Water remaining or	n hand fit for use at Noon,		30	0	"	
Coal consumed duri	ing the preceding 24 hours,		/ tons / 6	920	lbs.	
Coal remaining on	hand at Noon,		/ tons /4	0		
			1.			

P. M.										
1	Moved to work	h.h.	12	30.07	76	82	71	€. E.	cir. cum	7
2			2	30.01	76	83	71			6
3		h. h. by. h.	1-4	30.04	75	85	71	"		6
4		-0	3	30.04	75-	82	71			7
5			3	30.04	75-	82	71			9
6			U	30.04	70-	82	71			9
7			y	30.04	75-	82	71			9
8		W. E. W.	3	30.04	75-	80	68			9
9		goh.	2	So. 05	79	74	68	br	hone	10
10) .	1	30.00	78	73	68	,		10
11			1	30.06	77	72	65	"		10
fid.		,	2	80.06	77	72	68			10
			173							

Commander F. On Dickins under the command of , U. S. Navy, Thursday, July 5, , 1894. Fix of Office lies 2 nd bloss hour feed to le. CR & Verward J. J. Levily famul Muliga - Frank allen If mury M. R. Bales. Job. Gilchrist A. Milanty F. M. Bucker asaut. I mostle sea. lo Bodri H. E. Graham M. H. M. & oshull the following changes L. a. n. dimm Paul Boerschil M. F. Humer at 314 to Well, patent J. a. nonh Win Brade al 12.39, distant 2.5 13. A Harvey au alram at 3.20. at to to Hasmande R. F. novell 6. W. Brillo steam 55 lbs. Revolutions W. R. Browber la Hiss H. a. Olsen clasin & & Cowell lo. E. Bullock & Hubschneren Deutewant W. S. W. Mr. B. Caudler Willagan a. G. Johnson ing Island Friend under a took change of the 7. Johnst J. Ricker A. D. bom alley aptain 50'clock; Execution 4. J. b mulles G. B. Robism & blavanaugh sed of chip according C. S. stilly 8. 43. 6 rawford 8. Roeder w during watch. about hurzo Reck Light and in at which Leut C. D. Sunty 7. M. Pers le & brown W. VE. Terno We sciefer of & h. bulls. . J. Colman ... Guego W. 9%. F. Sallon J. C. Russell Chas. show S. F. Ryon J. Navio Les. Lawinger Mr. W. De Haven luder alian in Vi 6. 7. De har I Lavally by the findson to me findson to the findson to the findson to freely 1-9.21. Mulind at Sustane Durch J. H. Luck chor: gassed hing? und lun madel S. L. Donahue & Lindholm "yer"- at 10.30 herored to Q. J. Dowling L'hos Lohuiller Intaus "400". Dauleed 73. W. Plineulm 4. M. Offactor 6. 7. Ihrupson 4. P. Naglown "a". The Wallain build J. VF. Dum C. J. Long Llin A. R. Ellenberge a. maril previous to transfer H. Sinders a. a. Marpuarde 7. Van flyke Caporlow. y Spho J. M. Martin 6. I macka "inter and - W. f. n. George Feber B. mela I worm. brew a. Walsh off new gran Fires. O. Flammer a. Muyer E. F. Webster h. f. Wirliam &. M. Wright F. Fletcher H. f. Miller Lieuteraul lo. J. n James Finn C. J. morg W. Continued aurier J. p. Galvin J. & more d transfered the H. Janders -J. G. moran Jereant will their bothing famuretes, account & neases both, and distilling with both a. Nausfor paper, Souled fines under boilers a W. Alaperton. Exampled and found to be a Limberant le P. M. briles, a. b. + D, and dead eling with briles a. Rank Limber and by M. Fine bouled with J. B. Moellow navigator Examined and found to be cornel



Phidright to 4 a. M. Light airs to light breeze from N. M. Frair crop and phasaut. I morth ara.
Cludes stown alms, standing to the CND, themas Eng I sland amou. Trade the following changes in course at 120 to 3. by In potent leg 291; at 2.00 to 8. b. In. In. potent leg 327; at 3.14 to 9. hill, potent leg 391; at 400 to 18. 94 3. 64, potent leg 429. Oldfield Frint bight was abrase at 1239, distant 2.5 miles. Eatone Grist eight was abrase at 3.20 at and of write legation of fraction of the course of the while Book Eatone Frint Landing for Execution Book. Eaton Frint braining E. by E. Warrage steam 55 lbs. Variatione 31.5. Apprentices at the wheel.

From 4 to 8 a. M. Carthy cloudy and pleasant Sight berry from No 4. Standing up ang Saland Found under come of Commanding Officer with 6 to when Cleb J. Acculances came about and took change of the command of the ship Carend behave about of lane. Etamphed Light, 430; Greek aptain 50 cher; Etamenten Rock, 6, 255; Fands Cant 6, 35; Berping Stone 7 for; Description Rock, 6, 255; Fands Cant 6, 35; Berping Stone 7 for; Description Rock of chip according to the request of the Pelot to with the current. Passed many sails and stranger during watch about of with heading comes up changed between which common of Pelot between Theoretical Standard Distriction Print hith steam under boilers a. 6 and D. 2 seamen and 2 appointer at whell Such down topgellant yards at 4.30.

From 8 a.M. to Mindian:

Course 8 a.M. to Mind high from N. M. Glanding up I brough Hell tole und

fines under brilers to Noury Yard buth the filled at Jac 1 Jac 1 Comm. Under alcan millions under brilers to 1921. Menteud at

guardine at 9.80 a.M. at 7.13 called all founds bring a high to anchor; foured trongs

that Yate at 1/410 - 61 1/220 exclanged humbers write to for Verment Jun made

thus that fig. 1081. "Jerminian to commend humbers with the forement Jun made

thus millips 1081." "Jerminian to commend humbers with the forement of 1000 Morald to

both Jack 12 1/2 made 4 a.m. T.g. that 2/2/1" perhinseen to hall pine. Devaluationed "yes" Bauled

fines under brilers at 14 1/2 and commendant of the hory York. By reday of the baktein faid

land official visit to but to mineral dust of the hory York. By reday of the baktein all

and official visit to but to more word were held afficiential 2 of leaf privates to transfer

to behave to visit to found, 16 feet blands selver of the soft planting 2 of leaf privates to transfer

Description of sheep 13 feet 1/2 found.

Description to the feet blands selver of the selver of the selver and 1/2 M.

When Aprilow.

There were a selection and 1/2 M.

Light to moderate huge from N. N. Ly N and N. V. Fair and women, brew engaged durining gear confidenced by flurry, and riving off new gear three boaled under bolles ale 1 N., and distilling fails boiler It.

believe and women Gentle burger from N. Hy R banding to M. F. M. Sortiumed curring of the remaining gener condument by Turney & rewing off new boser. Was so meetered in guestle deck with this hammorehy, begaland ritherine, all the legalantics and transfered the following lephen times and close (for appended but) to the legal of Derend with whis blothing formarches, account & reasons transfer paper, Double fine under briles to both, and distilling with briles a.

briles. a. b. + b., and dead eling with bring a. Rearly Limbur and the Market and the Market and the Market and briles. A. b. + b., and dead eling with briles. A. b. - B. Cae and finite multiple and the Market and the Market and the Market and the Market and Marke

J. B. Mostlow navigator

Examined and found to be comed-

LOG of the UNITED STATES Sil Fine . Many Yard, New York

Third Rate,

			Reading		WIND.	V	V		BAROME	ETER.	TEM	ERAT	URE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
														•			
A. M. 1				Moned to Work	P. W.	1			30,06	77	71	68		b.	rine	10	
2					T	1			30,06	76	72	68		',		10	
3					Colu	0			30,04	78	72	68		,,		10	
4					,,	0			30,04	78	71	68		b. c.	cir cu	9	
5-						0			30,05	78	70	67		b. c. n.	circu.	1-	
6					f. E. wyf.	0-1			30,04	75	70	67			ci-	1	
7					0 . 00	1			30,05	75	69	66			nimb.	1	
8						1			\$ 0.05	75	69	66			,	4	
9					Louth	3			30.03							2	
10						3			30.00	75	69	66				,	1
11						3			30.00					s.c.n.l.t.	mint	0	
Noon.						3			30.00							0	
				,						1	1						

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 /	"
			"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 1	variation used, o '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	ring the preceding 24 hours,	417	gallons.
Water distille	during the preceding 24 hours,	417	
Water remaining or	n hand fit for use at Noon,		"
Coal consumed dur	ing the preceding 24 hours,	783 / tons /520	1bs.
Coal remaining on	hand at Noon,	125 "770	"
		"	

. M.													
1				moved to Dock	9.98.	2.3	30.00	75	71	70	0.c. p.t.l.	mil	0
2						2.5	30.00	74	69	68	0.c.pt.l.g.		0
3						2	29.96	74	69	67	b.c.	cir.cum.	2
4						2	29.93	74	71	68			3
5				-		2	29.92	74	70	68			4
6				· Standing up East		2	29.92	74	70	68			3
7			,	River.		2	29.92	73	69	67	0.0.		0
8			67.0	A = 0 E 1. c		2	29.92	73	69	67			0
9	3	5	78.5	N & ly €. 14 €. 18. ly €. 12 €.	6.96.	2	29.90	75	69	65			0
10	7	5	81.0	6. by A.		2	29.90	76	67	65			0
11	6	6	87.6	&12 Jb.	6. 18.	2	29.89	76	67	65			0
Mid.	7	2	94.8	,.		2	29.89	76	67	65			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4 a. M. lo lear and pleasant. Trug's plan light high air from f. W. and Fire hauled hunder boilers allowed, and distilling well titler a. From 4 6 8 a.M. Fair ato. cloudy below and light airs from f. l. of Fines bouled under brilers. a. lo, + D. Jand distilling with briler a. D. Capurton. Sent & M. To Thered.

Sentle breeze from Earth, Derevail with name thunder and lightning last two house.
By order of the Commander of the New York Pray Yand howerfly discharged from the N. I Raval Service
J. T. Lyuch Dueman closes with 6. I buttfoate in 9769, his term of endstance from the lining without of its
expectation. Executed in the Pay Dept. from the General Storkeyers of the Yand 1011 lbs. engay 200 lbs of
coffee, and be gallow of brand Juneal site store of Havy Yand by authority of Commandered of Yand one
act of Phadroom crockey Juned into store grave (running negging) condemned by Bread of General Review Advantage in the N. I. R. I Tannell with beggy hammer's and to E. Jules Contracy Juneal Market St.
Easthfeate Vis. 9578. J. J. Johnson, Landenson, and to E. Jules Contracy. Junealised, to the N. I Ward Vorgetal
Berkhyn, N. J. J. Famili age 30. and b. Deletion Summer State Colors, for transmit French sunder brilling
a. E. and J. and distilling with briler 4. Received in Pangatin Jept. from Survey Intercept of the Jept.
Contraction of State Survey Landenson of mangatin Joys Com Survey also be the Encounter, and
by from Maelington Navel Phase Survey Lunguation of mangating 15° 20°, for the Jept. Dem 8 a. m. to Merid Lienburant- W. J. by from Charlington Charal observatory. Temperature of magizine, 75°, 73°, forte, 74°, 73°, eff. Orm Merid. to 4 J.M. Cloudy Orweast fiet peer Ihunder alrower Light to quite brey from \$ 96, enciousing to stiff brey during as squall. Received from D. F. R. F. Germent with brand and however and necessary transfer prefer of Illiam Dory C. C.) and Bason King (Mew Attendant). Received in Equipment Dept. 2.10 lb. 3" both ways, 156 lb. 21/2 both way, 46 years # 4. boths causes, 41 yants # 8 cotten vaures 2.4 hand lanten glober and 6 D. D. Banked free ends bolor O. B. and D., and distilling inth bolor A. B. Boly Corl Peers was transformed to the Name Borgetal at Brooklyn. Mr. y. for tweetenish and his account, were transferred to the Name Borgetal at Brooklyn. Mr. y. for tweetenish and his account, were transferred to the Name Borgetal at Brooklyn. Mr. y. for the transferred to the Section of the Name Borgetal and Brooklyn. Mr. y. for the Name William of the Section of the Orm 4 to 8 U.M. Light buy from 9.96. Overcast, At 4.32 called all hands unmor align back off from dock at 4.45 and at 5.00 ctarted up back liver under our bill gibet 13.0. availance crowing Present though both late at 6.06. Paced Frequent Grand At 7.30. UT 7.56 when off Execution Rock Light, at purel sugner and discharged filet. At 4.38 made general eignich to Germant Int. 6.183, Vermant ausenned and made efficientier. I great five et 4.45 einder boters a, b. and S. Stopped distilling at 500. Should down frequently decening witch to clean pressing oriente. Amagnet of chip forward 13 feb 4/5; "If 16 feet, 6 weles. Geo. R. Ce all Qu. & . From 8 P. M. to Mid. Ornerst and cloudy. Eight being from E. FE. to E. NE. Flearning through Long Schaud.

Found steering by the light. At 8. 10 part our petent boy 67.0 hunter At 10.20 Esten Reck born abram.

When of write Fratford Though Light low on the part bow and the chip was on a range between Old Field Point and Penfall Ref light. Fire under boilers a. B. and D. Geam present 55 th Regulations 41.

Examined and found to be correct. Examined and found to be correct,

Lieutenant & F. J. W. Navigator

Lewtenant U. J. W.

			1	0		0											1233	1939
Ī				Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.			lear ths.	Se p
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea	State of the S
	A. M. 1	3 3	8 3	1.9	& 1/2 N . & 3/4 N .	6.96.	2			29.85	76	67	65		0.0.	nine	0	
	2	6	8	8.7		AE. h, E.	3			29.87	1						0	
	3	7	2	15.9			3			29.87	1000				b.c	cum.	9	
	4	1	0	22.9		6.96.	3			29.84							9	
1	5	1	2	30.1		,	1			29.88	1000	1				cum stret		
7	6	15	8	35.9	€. 3/4 \$.	East.	1			29.85	1				b.c.m.	stial	.9	
	7	12		34.0	F 1/3		1			29.87						cum	8	
	8 -	3	5	44 . 8	74.	1	1			29.88						cemo strat	7	
1	9	17	7	19.9			1			29.92							9	
1	10	7	1	67.0	Various courses	A 1.50	.1			29.92	72	76-	71				9	
1	11	Ha	· eu	din	Standing abeta	Bay P. M.	3			29.92	72	71	71		A. Q.	ar.am	7	
1	Noon.	Ma	ned	6 bour	Coastro Horbon	. 10.	3			29.92	71	71-	71			aum	7	
				V	1													

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of O	0 ,	"
	Longitude by chronometer from Forenoon Observations of ©	0 ,	"
	(Latitude by	0 ,	· · ·
Position at 8 A. M.	Latitude by Longitude by	0 1	"
	(Latitude by	0 1	u .
Position at 8 P. M.	Latitude by Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 (
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 '	variation used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0 1	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	ring the preceding 24 hours,	171	gallons.
Water distill	during the preceding 24 hours,	200	
Water remaining of	n hand fit for use at Noon,	812	"
Coal consumed dur	ing the preceding 24 hours,	8 tons 280	lbs.
Coal remaining on	hand at Noon,	117 " 490	. "
		1	

P. M.	Ships wad	e.h.	9	29.91	73	71-	69	b. c.	cir sum	7
2	0.0	1.	3	19.91	73	75	69			9
3	8. W. 1		3	29.91	75	75	69	,		9
4	0		3	19.91	75	75	69			9
5		n. f. h.	3	19.91	74	74	67			9
6	h. hy f.	0	3	19.91	74	75	66			9
7	0 0.		3-4	29.91	73	73	66			9
8	h. W. by h.	n. h. by n.	3-4	29.91	72	71	65	,		9
9	1.		3-4	29.98	70	68	67		em stal	8
10			3-4	29.93	68	68	67			7
11			3-4	19.92	83	69	47			6
Mid.		h ñ.	3-4	29.92	68	89	67			9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

Fair, bright starlight. Barveneter about steady. Light to gentle beeyes from british & 96. and NE. by & at 12.37 changed concer to & 3.4 b, patent bog reading 99.1.

Passed light alram as follows: vij :- Old Deld Panit 12.35, F.M. Lidge 2.15, Falken Island 3.43.

arrange As wellutions 43.1. Steam 55 bs.

George R. Every Energy Q. J. M. From 4 to 8 U. M. Sight aire from E SE. and East. Frair and pleasant. Hazy around horizon Made the following changes in concer: A 550, to E 45 : 605 E 129, 635 to E by A. potent boy reading 41.3. At 624 Little Gull Island Light bring one point about the brane changed crues to TE: pressing through the tace until 6.35 when shaped course for whiching bring off Point Judith Lights were about rail follows. Horton Point, 4.40; Confelled Syltabup 5.12 dictant 1.3 miles; Plum Soland, 5.50; Little Guill Seland 6 21; East End of Frikers Island, 7. 18; Chatch Hill 4.36 Many columners in right during watch Circago steam 55 lbs. Revolutions 44.

Geo. R. Cear From 8 a. M. to Mend: bless hight are to gent truge from Ent - alifting to f. W. at 941 went to generalise and in mande distitly afterwards called "all fails to much to amount all loss of a property of the Chief W. M. Heaving mith fire, under boilers a little longer by M. at Iso f. M. end (tay) of Block Follow d two a shear and at 9.01 the N. C. sul (ton) was abeau. (4-9.14 changed lower to C. N. C. N. C. at 9.16 che whiching brough off Di Judick was, abeau and clove abound to hanged course to M. C. /k.M. as /102 called all trande moor ship. at /107 sumpling about Health in Pat boy 7108. Exchanged run has will 10 ft. ft. Constillation. Mode tuting 2607 and 400 franciend got Tallowed fire, to die out tunder brilers to, No Distilling with bouched fire under bouler a. Mode fact to broy at 1/130 County Officer band are official visit to the bounds of the board Proline 124 order of the middle from any of the Duck of the Duck of the Duck Harrell

and I of somy did up augled di Jack of the Duck. He william to be for the Just.

From Merid to AM.

Fine modelier. high' to guilt truges from f. W. Warmeler falled alightly. No tide perceptible. Ind out plant culture at 100 recode falled and librard rail at 340 made taler 6144 and furled anil. at 240 made taler 4216 and erossed life gallant y cross, all signals being answered in the afirmative faut liberty party for show. Fisher backed under boiler a.

Storge R. Evrues Curique W. J. V. From 4 is 8 C.M. Church to moderate bruga firm with I. W. Wistilling with fire banked weder briler "a". Just siberty party as love. Hercell dien linearly to

Form POM to Midnight: Sandight: Such to surdenate bruge from N. W. Barmula about strate steady. I me bailed under Rolling. Duskilling.

Examined and found to be correct.

Story K. Evans, Euriga le J. M.

Lientenant lo J. U.

LOG of the UNITED STATES This Essent Morud to Bruf at Meworn to &

Third Rate,

			Reading	1	WIND.	1			BAROME	TER.	TEME	PERAT	URE.	State of		Hear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				n. W. by h.	N. W.	4			29. 976	64	65	56		b. e.	am, atra	9	
2					,	4			29.978	64	43	5-6		,	,	9	
3				h. y	,	4			29.978	13	42	16				9	
4				P. n. My M.	,	4			19. 980	12	61	56		*	air cum	9	
5				o h. gr n.		4			30,000					1	au. atri	-9	
6				N. M. W.		4			30,018					, ",		9	
7				N. W. by M.		4			50,040					"		9	
8				, n. y.		4-2			30.010							9	
9			di	u.h.h.		1-2			30.050							9	
10				W. by n.	. "	1-2			30.0to	1						9	
11				n. vr. by h.	Went-	2			30.000							9	199
Noon.				h. by f.	W. J. Vr.	2			30. OF	69	19	61		·	Cere, Kendy	1	

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.	
	Latitude by D. R.	0 /	"	
	Longitude by D. R.	0 '	"	
Position at Noon:	Latitude by observations of ②	0 /	"	
	Longitude by chronometer from Forenoon Observations of O	0 ,	"	
	(Latitude by	0 /	"	
Position at 8 A. M.	Longitude by	0 /	"	
		0 /	"	
Position at 8 P. M.	Longitude by	0 /	"	
Current during th				
Error of the Comp	pass by Azimuth ⊙ observed at ', ship's head	0 (
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0 '	variation used,	0 '
Error of the Comp	eass by Azimuth @ observed at , ship's head	0 1	"	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	
Water expended d	uring the preceding 24 hours,	300	gallons.	
Water dislik	LL during the preceding 24 hours,	803	"	
Water remaining of	on hand fit for use at Noon,	/3/3	- "	
Coal consumed dur	ring the preceding 24 hours,	tons 2 0 8 0	lbs.	
Coal remaining on	hand at Noon,	116 " 650	"	

М.									
í	W. by 8.	W. g. Vr.	15	30.06 6	9 68	61	b. D.	nunt.	1
2	W. by F.	V .	5	30,06 6	9 68	61			2
3	New-	h. h. Vr.	3-4	30.07 6	67	62			1
4	W. by ?	h. h. h. h.	5-4	30.086	8 67	61			1
5	DAM.	Whi-	1-3	30.09 6	P 67	62		an aum	1
6	Od by M.	,	1	80. 11 61	P 67	62		cum mind	2
7	John M.		3	30./2 6	7 67	62			2
8	. ()		3	30.17 6	7 66	61			2
9		,	2	50,17 6	5- 65	60			2
10			2-5	30, 8 6.	1- 69	60			2
11	Mest-		3	50.19 60	1. 61.	60			2
lid.	n. W.	W. h. hr.	3	30.19 4	464	60			1

bommender F. W. Wickins , U. S. Navy, , 18 94 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. From Midnight to 4 a. M. lower moderate bruge from M. M.; barmeter stroky. Distilling with banked fire weder Boller "a",

N. Manforman M. M. Lunga to J. M. From I to P and pleasant. Moderate bruge from M. M. Distilling with bounded brug hunder boilor a Recid in Conforth, 29th bread, 37% let. buf and 57% lbs. longetables, all fresh From 4 to 8 a.M. From Pa. M. Lo Meridian;

From Pa. M. Lo Meridian;

Fine weather first part clouding up latter part - Right airs

to guilt - Laugus from M. M. backing to W. F. M. at med of watch.

Darbureter viviling I fair liberty party on where to notitiving distilling

with boiler a. I Storge R. Evens, R.S. Europe W. J. M. From Merid to 4 C. M: I h h h, hendy and work. Sentle to moderate bruge from M. f. N. to h. h. h. h. h. f. M. to days leave from fully 9 the sittling with bruled fish, withen both a. Fries Martif (faldemen) to be to be the sent the builted no board for Are years. n. D. Colsman W. J. N. From 4 to 8 C. M. blandy built was tilly bruge . Fixing baronular Distilling with banked fire under brigher al. From PC. M. to Midnight :

Warmuter would Northling with bould from Such boloman

N. J. Coloman

N. J. Dungar to M. Serge Rareus Relinge W. M. Examined and found to be correct. J. B. Me illow, history. M.

LOG of the United States Pub Essey I think Rate,

-				V	1			1									
			Reading		WIND.				BAROME				URE.	State of		lear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				h. h. Gr.	n. n. h.	1			30.18	64	4	60		b. c.	circum shist:	5	
2				0 3 6	h. h. h. h.	1-2			30.16	63	65	60			cum.	7	
3				8.8. M.	()	1			30.17	68	1.3	60				7	
4				0.	n. n. h.	1			30.18	63	63	60			amplie	- 8	
5				Em Vi		1			80.20	62	62	19				9	200
6				Of by Mr.		1			80.21	63	63	49				8	100
7				0 1	,	1			30. 22	63	68	60				9	
8					W. by 8.	1			30.22	66	14	41			ar au	9	
9					J. I	1			30.24	66	64	6/			,	9	
10					6.8. W.	1			30.25	67	61	62		-	iriu	9	
11				C. by N.	1 1.	13			30.25	67	65	62			au.	9	
Noon.				F.M. by h.		3			50.25	67	64	61				9	
				1	-		-	-	1			_					

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ①		"
	Longitude by chronometer from Forenoon Observations of ⊙		"
	(Latitude by	0 ,	II .
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 ,	"
Position at 8 P. M.	Longitude by	0 /	u .
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	٠ - ٥ ،	variation used, o
Error of the Compa	ass by Azimuth @ observed at , ship's head		"
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o
Water expended du	ring the preceding 24 hours,	200	gallons.
Water disti	during the preceding 24 hours,	787	
Water remaining or	n hand fit for use at Noon,	19+	7 "
Coal consumed dur	ing the preceding 24 hours,	/ tons /36	O lbs.
Coal remaining on	hand at Noon,	114 " 153	0 "

P. M.								cir in	
1	S.h.	2 h.	4	30.23 71	70	41	b. c.	cur cu.	9
2	Dr. Ly h.	0 -	4	30.23 70	70	62			9
3	[8. A.,		4	30.23 71	7.3	65-	-		9.
4	C.M. Ly, N.	*	4	30.23 70	75-	66			9
5	1 5.80 h.	,	4	30.22 69	71	64		du.	9
6	To proby 8.	*	4	50. 2/ 68	69	64			9
1	On. C. H.O	,	4	30.17 68	169	64			9
8	Con. pr		4	30. 17 68	69	64			9
9	On, 000.		2	30. 22 69	69	64		arm strel	9
10	1614 C.		2	31.2/ 68	32	64	L.	unu	10
11	T. n. f.	,	2	3428 68	60	64		4	10
Mid.	TO ASTITE	,	0-1	30.216 68	60	64			10
	1 700								

le mmander ti. N. Dickens under the command of Monday July 9 & , U. S. Navy, , 1894 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. From Midnight lota M. Duge from M. N. W. and N. W. by M. Frair and cool. Distilling with fire bouled muchor boiler "a".

J. D. Meilloni

J. D. Meilloni J. B. Meillow - b. g. n From 4 to P a. M. .

There is a Cay Department from MMh to the by Prising borounter. We can be got the contractors to the forth the of 1/4 lbs., fuch but, 37/4 lbs., fuch but, 37/4 lbs., fuch but of the but traded from under boiler at. Tronge Karmis, R. C. Lunger Us. M. From & a. M. 15/0. +0 a. M: From I't m to forold. M:
Carely cloudy and pleasant; calm to high airs from Vi. by fi
Description from gold Will M.
reported and referend lorumnucher J. W. Dicking to M. of the temporard
of this, while all hands being aft to muster. all him paid by order
tof lorumnucher J. W. Sycking but diensted the slip and crede
suffer unspectably the tomoranding of him and his relief Syntitling
work bouthed fings, under briting of the or and his relief Syntitling TI. O. Coloman. Euriga W. J. of Examined and found to be correct. the Mavigator Limited and M. J. M. J. B. Me iller toommander U.S. W. leonmanding. From 10. to a.M. La Meridian: cooler. Kund brings from 5 th, barmuch strady, allowed fires to die out muder brille to x stopped distilling. n. g. Colman From Mindian to of C.M. C. Luxigu W. J. M of lomids the dicking le & M. Die frewon on Lucky wasted by order of the N. M. Caperton of From 4 to S. M. Comids form oling fresh M. Commanding with a Lieute want to f. h. Thousands for the frewer on kindly work of meanting to the falling !!

Let V. M. Condr Louis dingflagle in Commanding berometer falling!

Let and pleasant; a belief of the being; berometer falling.

A. J. God man

Change to S. From 80. M. L. Midnight; blos out: bright plailight & mornly he. More set at 1/10. Light dies and brugh from fit Blaperlow. 6.78. C. Limbers at lo. J.M. Examined and found to be correct. J. B. Mo illow Sapigators of

LOG of the UNITED STATES This Tasents Mempers , VC &

Fird Rate,

				0	WIND.				BAROME	TER.	TEME	PERAT	URE.			lear bs.	\$
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S
A. M.				h. n. h.	Mest-	0-1			30.216	65	61.	675		b	zne	10	
2				n. by E.		0-/			30.244	66	65	65				10	1
3				h. n. h.	le alun	0			30. /2	68-	64	62		,		10	
4				noch-		0			30.14	64	64	62		,		10	
5				P. by &.		0			30.15	65	64	62			"	10	
6				V. 1/2 8.		0			50,15	66	61.	63		"		10	
7				Prust-		0			30.17	67	61	6-8			-	10	
8				R.S. Vr.	, "-	0			30.18	47	8	64			-	10	
9				. I fruit	n. f. V.	0-1			30,20	71	69	66		b. Q.	civ.cu	9	
10				A. M. by E.	1. M. by 8.	0-1			30.22	72	70	66				9	
11				12.8.M	KEAN.	0-1			30.21	73	72	66	3.3	~		8	
Noon.				Thy N.	, 1 7.	1			30.21	72	71	66		"		8	
2.30				1													

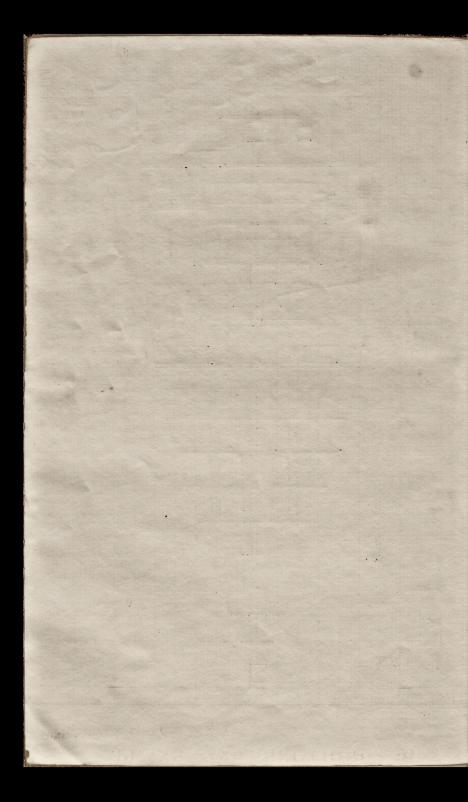
Course and distance	e made good since preceding noon by o	bservations,	knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.			,	"		
Position at Noon:	Latitude by observations of ②		0	,	"		
*	Longitude by chronometer from Fore	noon Observations of ⊙	0	,	"		
	(Latitude by		•	,	"		
Position at 8 A. M.	Longitude by		•	,	"		
	(Latitude by		0	,			
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	time, knots tenths per l	hour, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head	0				
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,	"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
	aring the preceding 24 hours,		2.	1-0 g	allons,		
Water	during the preceding 2.	4 hours,		,	"		
Water remaining o	n hand fit for use at Noon,		/	650	"		
Coal consumed dur	ing the preceding 24 hours,		tons 4	-00	lbs.		
Coal remaining on	hand at Noon,		114 " 11	30	"		

Р. М.		_ 1								
1	8.8. W.	E. O.W.	2	30./8	72	71	66	b. c.	ar. cem	9
2	1 1	11.	3	Su. 17	72	71	66			9
3	Mr.		3	30.17	72	71	66			9
4	1.		3	30.17	72	71	66			9
5	0	,	3	30.17	71	70	65			9
6	8. P.W.		2	30,16	70	69	64			8
1	7 1.		2	30.15	49	48	63	"	"	7
8	,		1	30.11	48	67	62			7
9	,		1	30.15	69	68	42		"	7
10			1	30.16	69	68	62	"		7
11			1	30.16	69	67	62			9
Mid.			1	50./6	68	67	66		,	9
									-	

under the command of 6 mmander Louis. Tringoly, , U. S. Navy, , 1894 List of 3rd Close apprehise handined from U. E. how Station. Gray J. De. Malin & J. arling In G. A Belick G. N. Moson R. G. Iserbrach G. J. Multisulle. A. Sarbut W. N. Grober - Vr. Y. le amlan M. Is Warker A. Burford G. W Gerdine G.L. Parsloe F. F. Samues D. J. Comer le W. Taret lo. f. M. 18 unus A. A. Druster H. El balu A Barker le. J. Hunt H. A. Ruser J. A. + account. bler and Blanchard ls. Hager N. Vouvan C. Bunett Joh Hardy J. F. Roche W. C. man ugu W.P.M. W. Wffiches. Beller O. W. R. Hackburn Als Roberton H Hirala TV. Thow A. M. if Relived Blake M. E. Hacemit lo. L. Fullivan of of tour live d and stores; Wergstrone E. Hanne G. M. noticely string Wrile A. J. Mini & Haumonds, Tr. lou. Brillen D. M Chrefes C. A. Ines of in and - W. J. M Helley J. J. Bur & M. Trodbane J. They y. - as 7 3 ne They y. fer Minel Tokaller y. so blue Tokaller W. J. so blue Tylonelon W. J. 3 mm andle Tylonelon W. J. 3 mm andle Start for. - at 7 30 rich Brown J. G. pers, Minely Drewinau M. A. seined out Blank A. L. Odehung J. A. Church E. Lindant St. 8 Callahore 4. Trewwen J. W. Longweeker Dr. L. and street. Taffinder R. A. was enlisted loullet - G. F. Lindelying A. A -with fin Liste R. Cours L. E. Taffrider lo. A. mi Lie (Davis & L. Thooten H.D. - light airs Dune C. ma hiff h. J. and game Tuyland N.C. Mª heavy h. & Walker N. 6 to file Wilson J. He rlow. De Perere E. J. Erskine D. mi senta D. Erust - H William lo. A. want b. J.M. mª aluxa & Freugen M. mª Arale T. M. White D. Jones L. J. Bright. Machinam N. A faufluan It f www logh Morgan G. Findey h. S. J.

Examined and found to be correct.

J. B. Milton, Ly savgator.



under the co . S. Navy, 94 be more co and with of a. M. Light airs, from W. and balus. I have and cool. Tright - starlight. George Sentwant by M. From 4 to 8 a.M. between and damp. Warm toward taller part of watch bealen; borometer rising Par and we broad, in weft of for following free provisions 3741bs, meet 854/flb vegetables and 29 lbd bread. Thom of a. M. to Mindion:

There and worm. Right airs from W. M. breking to F. W. Wiffilm.

how the W. Mar bollege no some paid an affect init to the shift Reliand.

In broad in bleam higurening soft me have largentine me tom limed and now, one scale be bounce when bound in the participant of almost in Deft of Ordinance received me ford sight, royale metalic mothers were larger to almost in Deft of Ordinance received me ford sight, royale metalic intervention we would be contage. Howe off we would getting weeks touch me coil of cordage. Howe off we would getting to the larger to the larger than the standard of the From Mindian to 4 C. M.

From Mendian to 45.M.

Fight to gentle trugs from f. f.M. Cheer and pleasant at 7 so ried on Arand with though to have the place with the for hand on for appealant the Received out lives to the left with the form of the list Received out lives to the list of on board be Landeman, for three years.

From it to F. P. M. Super and pleasant tenth bruges to light aire from f. J. W. West to guarter at 410, mustered the bruge will gave bleas their stations for fire guarters and at 4,50 must to file guarders.

WBC aperton.

From FC. M. Is Midnight: W. loker and cool. Wright-mornlight. and Limburan togh

Examined and found to be correct.

J. B. Me ilton, W Nationer.

LOG of the United STATES of The Leave R. D. Moored to Joney lat Newford, R. D.

Find Rate,

		-				-						-					-
			Reading		WIND.				BAROME	ETER.	TEME	ERAT	TURE.	State of	V	Hear	e Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Ch.	P.W.	3-4			30.14	48	66	65		b.e.m	ar en	. 9	
2				M. O.W.	1.	34			30.12	68	66	45		"		9	
3						4			30. 11	67	64-	64			au stra	: 9	
4				Will-		4			30. 11	67	61-	64			, "	9	100
5				f. n.		3			30.12	66	61-	64			cir a.	8	
6				P. Vr. by F.		S			30. /3	66	11-	4			street.	7	13
7				1 11		13			30.14	68	66	64				6	
8				C. W.	W. E. W.	13			30.11	69	68	60		b. c.	dir. au	6	120
9					1	2			30. 16			65		,	-	6	
10				n. by n.	8. N.	2			30.16			66		,		.7	
11				O. W.	1.	3			30.17	73	71	66				7	
Noon.						4			30.19	72	73	65				17	
1,001,																	

Course and distance	ce made good since preceding noon by	observations,		knots.		tenths.		
	(Latitude by D. R.			0	,	"		
	Longitude by D. R.			0	,	"		
Position at Noon:	Latitude by observations of ①			0	,	"		
	Longitude by chronometer from Fo	orenoon Observations of O		0	,	"		
	(Latitude by			0	,	"		
Position at 8 A. M.	Longitude by			0	,	"		
	(Latitude by			0	,	"		
Position at 8 P. M.	Longitude by			0	,	"		
Current during the		er hour, setting to the						
	ass by Azimuth O observed at	, ship's head		0	,			
	ompass by Azimuth O observed at	, ship's head		0		variation used,	0	,
	ass by Azimuth O observed at	, ship's head		0	,	"		
	Compass by Azimuth O observed at	, ship's head		0	,	variation used,	0	
	uring the preceding 24 hours,			4	1-0	gallons.		
Water expended di	during the preceding 24 hours,	as hours				"		
		, 24 110013,		12	00	"		
	on hand fit for use at Noon,			tons /	040	lbs.		
	ring the preceding 24 hours,			9		"		
Coal remaining on	hand at Noon,		210	1	10			

P. M.												
P. M.		8. W.	8. Vr.	4	30.17	75	74	67	b.	C.	eir, eu.	7
2		1.		4	30.16	72	72	66		.,		7
3				4	Sa /2	72	71	66		"		8
4		S.M. Ly. M.	F.N. by n.	4	30. /2	72	71	67		4		8
5		M. 6/n.	0 1	4	30.098	74	72	68				8
6		R.M.	C. W.	4	30.098	74	72	68		4		9
7		("	0	4	30/0	71	70	68				9
8			,,	4	30.10	70	69	67	l.	0, w.	cum shal-	9
9			,,	4	30.10	70	69	66				9
10				4	34/0	69	69	66		"		9
11		8. h. by 8.	C. W. Ly M.	5-	30.10	69	69	66		"		9
Mid.		10 di	1	4	80.10	69	69	66				7

under the command of & mmander Louis. King aley
Wednesday, July 11th U. S. Navy. , 18 94 lormmuno and milit of a.M. blear and damp. Bright sterlight themele to moderate - bruger from f. M. Aspended - 1- 20 gh From 4 6 8 a. M. W. R. C. Limburant W. J. N. From 8 a.M. Lo Myndian: Light to moderate breeze proude M. and f. M. Fair and pleasant. at 9": mustered crew at quarters affermant meetined apprenties in facts of slip and instructed claim in stations at furling & lovering at 10 years down and instructed claim in statems of furting of trooping as for the form to the form of the was rated from Landsmow to Thigis book 4th class. From Meridian to 4 P.M. lebert spante bruge from S. M. and S. M. by M. Unbent aparter for repairs, Served not oil office clocked to the leftenties. By when of Commanding Officer & Mapy add was noted to boat Passer and Herrell Jo Gordon Control to Dunian 2rd class.

From 4 to 8 CM.

Moderal briege from b. M. y M. and S.M. Colour o cool. By order of
Bureau of Manightim Underfred theel. B. lo was much Ship with Meller Sothe to 8 Mgs. hashing they will be able to the descharged from this sale and
the Maryol Service, they want to the said the Maryol the Colour State out to Maryol want of the said the Maryol Service.

The Maryol Service, Balano Trainini, Mess, alteredaut: las 7th mode the Sig. that. S.B. Limberaut W. J.M. 6065, "Ternstillatin" around "904". at new set new down top gallacet and royal yando. Que & Sichen Lington From F. C.M. to Medingle: - beigg from S. M. and S.M. by M. Falling dew J. S.C. Limberant W. J. N. Examined and found to be correct. J. B. Mellen Marigator.

LOG of the United States This Essert Monel to Bruy at Hewbrit, R. A.

Tind Rate,

			Reading	. 0	WIND.		,		BAROME	TER.	TEMI	PERAT	URE.	State of		Hear the.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				P. W. by W.	g. W. ly h.	4.5			30, 10	69	69	66		b. c.	Cum. Min	1. /	
2				O	0 .1	4.5			30.10	69	69	66			-	,	
3				W. J. W.		4-5			30.10	69	69	64		"		1	
4			*		N. C. W.	4-1-			30.08	68	67	65		"	heine.	6	
5				,,	T.	4.5			30.06	68	67	65		,	dir te	f	100
6				C. N. Ly N.		4-1			30.044	68	47	64			ar shat	4	
7				1	P. W.	4.1-			30,00	68	67	64				4	18
8				O. M.		4-1			50.05	68	67	64		b. c. no.		2	
9				1		4			30.05	70	67	64				2	
10						3			30.05	,						2.	1
11				FON. by ON.	901. by 01.	3	-		30.05					0.0.00		0	
Noon.						3			30.04		1					0	

Course and distance i	nade good since preceding noon by of	bservations,	knots.		tenths.	
(I	Latitude by D. R.		•	,	"	
1	Longitude by D. R.		•	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Fore	noon Observations of O	0	,	"	
	atitude by			,		
Docition at & A M	Longitude by		0	,	"	
			0	,	"	
Position at 8 P. M. J.	Latitude by		0	,	"	
Current during the ti	me, knots tenths per l	nour, setting to the				
Error of the Compass	s by Azimuth o observed at	, ship's head	0	,		
Deviation of the Com	pass by Azimuth @ observed at	, ship's head	0	,	variation used,	0 '
Error of the Compass	s by Azimuth © observed at	, ship's head	. 0	,	. 11	
	pass by Azimuth O observed at	, ship's head	0	,	variation used,	
Water expended duri	ng the preceding 24 hours,		4.	50	gallons.	
Water	during the preceding 24	hours,			"	
Water remaining on l	hand fit for use at Noon,		75	0	"	
	g the preceding 24 hours,		tons /	040	lbs.	
Coal remaining on ha			75 tons /	170	и	
and an in				1		

РМ	Diela	46	uneys									
			Flord	Ch. & W.	99. by 04.	4	30.02 7	69	67	0.0.91.	cum. mint.	0
2	0	1			9.901	4	30.017	69	67		,	0
3	0	,				4	30.00 7	69	66	-		1
4		1		904	994.	4	29.97 6	9 68	65	-	cir im.	2
5		Plo	ick			4	29.98 6	9 68	65	b.c.	cum stret.	2
6	0	2	8H.	01.901.		4	30.08 6	9 68	65	-		2
7	0	2		F. 904.		3	30.08 6	1 68	65		-	1
8	0	2				3	30.08 6	68	65	-		1
9	0	2			-	3	30.08 70	70	68	00000000		1
10	0	2		904. by 8.		3	30.00 69	69	66		-	1
11	0	1	"	FW.		3	30.00 6	9 69	66	-		1
Mid.	0	1				3	30.00 6	9 70	67			1

L'immander Louis Ringaley Lurs day, July 12th , U. S. Navy, , 18 94. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Moderate to Aliff brugasfrom the J. M. by M. Deady Harmerting of with.

Moderate to Aliff brugasfrom the J. M. by M. Deady Harmerting.

Story & Every W. Sterigen by J. J. From It & Pa. M. Moderate to mill breeze from M. F. M. and F. M. look and cloudy. at 72" mode leve hig Fat 6669"— Robertellation annulud and mode "704". I at 7 the crossed royal and top-galland yerds. Treceived in board in Cay Sept. 75 bbs. breed, 93 Jebs. fresh bufund (83) bbs. firsh vegetables. R. C. Lewlin and Work. Roge R. Evens. 4, R. S. Curiga le f. n. Prome 8 a. M. to Merid Cloudy Overcast last part. Eight meet and dryphing pain recassimally strette to moderate breeze from 99 by M. and 90. At 9.30 mustered at quarters and afterwards instructed and stationed appointment for General Quarters with 10.30, then until 11.15 in practical reamanship Inspected flow ocche and found them in good working order. A Predical Braid of Turny of which Dir a D. Pure 9, 9 m. was seein much mit in braid. Magazine truppations 42 for formed aft 75.7% about without law. I. E. Willow (6.9) from 6 a.M. 11 mint. and 6m. France D. (cl.) from 6 a.M. 10 mich. By motor of Commanding Office J. S. Elleworth La. was rated to Writer 1st claw and give an acting appointment as such. From Merid to A J.M. Boundly musel and cloudy weather. Occasional light spenishe. Iralling barometer. at 300 made Interrogatory 6068. answered by Constellation with 904. Such down toggallant and royal youds. Instructed bye in the running rigging One Bake was inlicted me Meso attendant cause. Robot Bills and Sandewan, each for the years. The Energy W. J. M. Storge R. Evans, From 4 to 8 P.M. Clondy. Gentle to moderate breeze from 9.9%.

Derett. Distruct & S. S. Dr.

Dion 8 P.M. to Mid. Cloudy with a few stars insible . Gentle G. Phy brezze. Brarometer steady.

Storge The Evenus, & Ensign U. J. Dr.

Examined and found to be correct.

J. B. Moiller Navigator.

LOG of the UNITED STATES Phip Essex Morred to Bury at Newport, R. J.

Third Rate,

F					WIND.				BAROME	TER.	TEM	PERAT	URE.			ear bs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Jid	bal +	Burrent	FOI.	· 991.	4			29.96	69	68	65		b.c.w.	cum sumb	8	
2	0	2		.,		4			29.96	69	68	65				8	
3	0	1		S.W. by S.		4			29.96							8	
4		91	ack	90%.		4			29.96					"	cum strat	8	
5	0	1	Ebb	OH. FOL.		3			29.96	,				0	cam strat	1500	
6	0	1		991. h. g.		3.4			29.96	. ,				f.c.m.	cir.cur.	7	
8	0	1		301.	,	3-4			29.95					b.c.	cir.	9	
9	0	1	Flord			3-4			29.97	72	70	67				9	
10	0	1				4			29.96	74	72	68		f.	none	10	
11	0	1			•	4			29.95							10	
Noon.	0	1		-	•	4			29.94	73	73	69			-	10	
						-	-	-		-	1	-	-			-	-

Course and distance	te made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0	, ,
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ⊙	0	, ,,
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
	(Latitude by		, ,,
Position at 8 A. M.	I ongitude by	0	, ,,
	(Latitude by	0	, ,
Position at 8 P. M.	Longitude by	0.	, ,
Current during the			
	ass by Azimuth ⊙ observed at , ship's head	0	
	ompass by Azimuth ⊙ observed at , ship's head	0	variation used.
	ass by Azimuth ⊙ observed at , ship's head		, ,,
		0	variation used.
		350	
	iring the preceding 24 hours,	000	"
Water	during the preceding 24 hours,	400	1 "
	n hand fit for use at Noon,	tons /0 4	
	ing the preceding 24 hours,	//2 " // 3	
Coal remaining on	hand at Noon,	112 " 113	

P. M.												
1	9	lack	,	.994.	9%.	4	29.94 73	73	68	b.	none	10
2						4	29.94 74	73	68			10
3		-				4-5	29.93 74	74	69			10
4						4.5	29.93 72	74	69			10
5		"				4-5	29.93 71					10
6	0	2	Est.	99. by 04.		4.5	29.93 71	75	69	b. m.	cis.ciim.	10
7	0	2				4.5	29.94 70	74	68	b.c.m.w.		9
8	0	2		994.		4-5	29.94 70				"	9
9	0	2			,,	4.5	29.94 69			-		9
10	0	2	4.4			4	29.94 69	69	67	b.	unu	10
11	0	1				2	29.94 69	68	67		.,	10
Mid.	0	1				2	29.94 69	69	66			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Cloudy and damp Onoderate breeze from 991. Barometer steady.

n. J. Coloman 20 & Ensign Ob. J. S.

Eleau; hazy horizon. Gentle to moderate breeze from 994. At 7.30 made Interespectory engined 6069; ausured by Constellation 904. Received in Gesplo of Pupplies and decounte for the celer 93 44 lbs. fuch brief, 9544 lbs. fuch organization and 75 lbs. fuch brief color to color of the brief with the second of the fuch brief with the second of the fuch brief with the second of the fuch with the second of the 5 o'clock brossed light yards.

Hereil Seintenant V. J. M.

From 8 a. M. to Merid

Fine weather Gentle to moderate breezes from the FN. Bavometer rather unsteady. At 9.30 mustand and inspected at quarters. The following named must reported about from
the ship without leave, on 3- tone Forence By. o. from b life, July 10, E. & Pileon & P. from b a Mr. July 11
6. B. Shmutter from July 13. At 9.45 made Jeneral Fignal Interregatory 4390, answered by Contellation
904. Exercised at early loveing verying and fulling. The Gestani made an official ball upon the
Boundarding Officer of Port advance. Received a wait from the Bigh Tehrol Cadety envanged on about
Inspectation of magazine 73-71 forward, 712-70° aft. By order of Commanding Officer R. Buth, was rated from
Sandaman to Phigo Cork, 4 the class. Forge R. Evans, & Ensign V. J. N.

From Merid. to 4 P.m.

Fair and pleasant. Itiff brew from IV. Barometer falling elightly &B Chumitan (Cox) returned on brand having meretaged his base 6 hours. Allowed the bryo their bags for security. Account on brand supplies in the Medical Department. 71. S. Cofeman & Susign W. J. M.

From 4 to 8 O.M. .

Bleav wrather . Moderate to stiff breeze from the FW. moderating conservat to true and but flying jit . Found but clean become to the men

Storge REvius

Ensign U. J. O.

From 8 P. M. to Guid.
bleav and cool. Starlight. Producte to light & M. breye. Brainwiter stardy.

n. S. Coleman

Examined and found to be correct

J. B. Miller, Navigator. Lieutenant OU & OU.

LOG of the UNITED STATES Phip Essex, Moored to Bury, Presupert, a.d.

Third Rate,

			n		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Rear ths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass. Thips head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				O4.994.	49 4.	2			29.94	68	68	66		в.	none	10	
2				9.99		2			29.94	68	68	66				10	1
3						2			29.93	68	67	66				10	
4						2			29.93							10	
5				Inoth		2			29.93					b.c.	cura.	4	1
6				196.		2			29.94					0.		4	13
7						2			29.94					b.e.m.		6	100
8				FW.		2			29.93	69	69	68				5	18
9	0	2	Flord	Louth	01.991.	0-1			29.94	73	72	70		-	-	5	-
10	0	2				0-1			29.94	74	72	71.			cir.cun.	6	-
11	0	,		9.9%. ·		1			29.93	74	73	71				6	
Noon.	0	1		901.	O4. A N.	1-3			29.94	74	73	71		b. m.		10	1

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / "
Longitude by D. R.	0 , "
Position at Noon: { Latitude by observations of O	0 / "
Longitude by chronometer from Forenoon Observations of O	0 / //
(Latitude by	0 1 11
Position at 8 A. M. Longitude by	0 1 11
	0 , "
Position at 8 P, M. Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
	0 (
	o variation used.
Deviation of the company of the comp	0 1 11
	o variation used,
Water expended during the preceding 24 hours,	700 gallons.
Water Meurid during the preceding 24 hours,	2500 "
Water remaining on hand fit for use at Noon,	2200 "
Coal consumed during the preceding 24 hours,	tons /0 40 1bs.
Coal remaining on hand at Noon,	112 " 90 "

P. M.				_								
1	0	1	Flord	901	Pox.	3	29.94 78	75	71	b.v.m.	cir. eum.	8
2	0	1				3	29.93 78	75	71			7
3		Fla	ch			2	29.92 77	74	70			6
				99. x 16	9°01. x 16.	27	29.92 78	73	69	b.c.gt.his	cum wink	3
. 5	0	1	644	1 by 6.	North	2-6	29.92 74	73	69			0
6	0	1		N by 24.		1	29.9471	70	69	b.o.p.t.	cuin etrap.	1
7		Pla	ck	Sorth	balm	0 .	29.94 71	70	68	B. v.	sunit.	3
8				I by Ot.	991.	0-1	29.94 71	70	68		citicum.	2
9	0	2	684	9 h, 04.		2	29.9870	69	67	b.e.w.	Cum mint	2
10	0	1	,,	96,6		2-1	30.0170	69	67		',	4
11	0	1	Flord	9.994.	.,	2	30.01 70	69	67.		,	2
Mid.	D	1				2	30.02 70	69	67	D.C. W.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a. M. Clean Light breeze from 901

& A Capiton , Lintmant & 2.2.

From 4 to 8 a.m. Drain Sight breeze from 89. Baroneter about steady bleaung ship Received in Gay Department from the Entractors fresh provisions as follows, va . 67 lb. fresh braid 93 le lb. fresh bif 93 le lb. fresh bif 93 le lb. fresh braid 93 le lb. fresh bif 93 le lb. fresh wastables. Shirl Enguise 6. J & aby Lavy, reported his natural from fire days draw.

Tronge R. avun. " Eneign W. F. M.

From 8 a. M. to Merid.

bleau and warm. Sight to gentle breeze from Ot & M. Finished seculting deches, broate and causes cores. The following absulties were expected box Foresser Fic. from 6 Mm July 9. A. E. Okilson & G., from 6 W. July 10, Janus Suegas, other from o W. Mr. July 14. Desegrecative of magazines 71:70: forward, 70:75: 6ft.

M. J. Var son.

From Presid to 4 P.M. Clear to cloudy with a very heavy haid storm at 3.45 Sentle to light buyer from I'M, until 3.45, when he very heavy haid storm struck the ship from N.E. would blooming in heavy appelled accompanied by haid some of the storm measuring 25 in diaseter. At 1.30 sent the appellicie school to the drawing Italian until 4.30 P.M. Assent brand in Ordinary Department me box of store companing as Compuser Special for H. R. F. Benn. W. Charton

WB Caputon Justinant Qu. F. M.

From 4 to 8 P.M. Squally with rain cleaning during last how of water Fresh breys from North to value Baronster steady. The creating party returned on braid from the Francing Fration.

M. J. Colim. Eusign Q. F. M.

From 8 P.M. to Mid. Clear and dampfied part. Light to getter been few Feb.

Thougonery H. Leyson & R. J. Dreign N. J. N.

Examined and found to be correct.

J. B. Moilton. Sign.

LOG of the UNITED STATES Phip Essex Moored to Bury, Newsport, Q.J.

Third Rate,

					-		0		T.							-	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	-		Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M. 1				F. F. W.	FN.	0-1			30.02	70	69	68		b.e.m.	mint	3	
2						0-1			30.02							3	
3				gov.	balm	0			30.02	70	69	68				3	1
4				POh. by Oh.		0			30.08	71	69	68		0. m.		0	
5				Forth		0			30.08	70	69	67		b.c. m.	cir.cum	2	
6				NE.		0			30.07	73	70	69		,		6	
7				North		0			30.07	71	71	70				4	
8				Aby Q.	A by %.	0-1			30.07					b.c.		7	
9				9. Ohy 94.	N.46.	0-1			30.07							7	100
10						0-1			30.07	74	73	71				7	10
11				J. J. W.	balm	0			30.07							7	
Noon.						0			30.13							7	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.		
	Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ①	•	,	"		
*	Longitude by chronometer from Forenoon Observations of ②	0	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		1
	(Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended di	aring the preceding 24 hours,	45	0	gallons.		
Water	during the preceding 24 hours,					
Water remaining o	n hand fit for use at Noon,	175	-0	"		
Coal consumed dur	ing the preceding 24 hours,	tons /	04	o 1bs.		
Coal remaining on	hand at Noon,	112 " 9	0	"		

Р. М.									
1	9.9%.	F94.	1-2	30.11 7	8 75	73	b. v. m.	cir. cum	5
2			1.2	30.10 7				-	5
3	Thy 04.		2	30.09 7		The same of the same of		1	5
4	984.		2	30.08 71				eli.	5
5			2	30.06 7	5- 73	71		cir. new	5
6			2	30.07 74			,	cir. cum.	5-
7	32. by 24.		2	30.06 7	73	70		stral wind	3
8	9.49.		2	30.05 7	3 73	70			4
9	994.		2	30.05 7	71	70	-	cir.cum.	9
10	Inth		2	30.05 7			,		9
11	Thy E.		1-2	30.05 7	1 70	69			9
Mid.	96,04	-	1	30.05 71	70	69			9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a.M. Light airs from FON. and calms bloody and misty.

Geo. R. Ge Livitenant O. J. 9.

From 4 to 8 a. M. Cloudy and pleasant. Calm to light air from No by 9h Barmeter steady.

n. D. Colman

From 8 a. M. to Merid.

Dair and warm Light haze. Calme and very light are variable in direction. Barometer vising last hom. Ut 930 mustered at quarters. The Captain inspected the ship and crew Darmeter range last now. Or y so musered ar greaters as Cupular superior of the ship without leaving:

at Duritie. The following naused mew une reported about from the ship without leaving:

low, Former 1 cd. I & Wilson & J. Janus Sonegam other. Precions on board in Pay Department from
the bostractors the following freek provisions 934 lbs lock 934 lbs nogtables and by lbs bread.

Demperature of magazine 7: 70; forward 70°70; aft the following named mus were received from the Note of
Temperature of magazine 7: 70; forward 70°70; aft the following named muse received from the Note of
Temperature of magazine 7: 70; forward 70°70; aft the following named muse received from the Note of
Temperature of magazine 7: 70; forward 70°70; aft the following named museric and receivery transfer paper

Therefore The State of the State of Temperature of Temperature

Light airs to light breeze from FM. Fair and warm.

Geo. R.C. Linterant Ou. J. M.

From A to 8 PM.

Driv and warm. Gentle breeze from SM. J. Longaw, (viles) returned 34 hours writing. Hinted amoke stack. Feel brye in aurumning.

Morelgowery M. Laylor Eneign a. F. OK.

From 8 P. M. to Mid. Light aire from F. M. to I by E. Clear and pleasant. Bright mornlight.

Geo. R. Ceintenant Qu. & 90

LOG of the UNITED STATES Thip Essex.
Mooned to Bury Churpert, Q. J.

Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S.
A. M.																	
1				S. by W.	N. W.	1-2			30.12	72	70	67		b.c.w.	cer.cum.	5	
2				9. GW.	N. N. W.	2			30.12	72	70	67		-	cir eum		1
3				N.N. 94.	,	2			30.12	72	70	67		-	ciri um	4	100
4				N.NE.	1.16.	2			30.12						am strak	6	
5				N E. by N.		1-2			30.14	71	71	67		b.c.m.		8	100
6				A by 6.		1-2			30.16	1	1			0 "	cir.	6	
7				.0		1-2			30.17					b.e.z.		6	-
8						2			30.17					tro.		6	100
9				North		2			30.21		1	1000		b.c.m.		5	100
10				Guriging to flood		.1			30.22		1000					6	100
11					Gast	3			30.22	1	1				cum.	2	18
Noon.					Fly W.	3			30.23	73	75	71				5	

Course and d	listance made good since preceding noon by	y observations,	knots.		tenths.		
	Latitude by D. R.		•	,	"		
	Longitude by D. R.		0	,	"		
Position at N	loon: { Latitude by observations of ⊙		0	,	" .		
	Longitude by chronometer from F	orenoon Observations of ©	0	,	"		
	(Latitude by		0	,	"		
Position at 8	A. M. Longitude by			,	"		
			0	,	. "		
Position at 8	P. M. Latitude by Longitude by		0	,	"		
Current duri		er hour, setting to the					
Error of the	Compass by Azimuth ⊙ observed at	, ship's head	0	,			
Deviation of	the Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used,	0	
Error of the	Compass by Azimuth ⊙ observed at	, ship's head	0	,	"		
Deviation of	the Compass by Azimuth ⊙ observed at	, ship's head	0	,	variation used,	0	
	ded during the preceding 24 hours,		4	150	gallons.		
Water no	during the preceding	24 hours,	,	500			
	ning on hand fit for use at Noon,		2.	800			
Coal consume	ed during the preceding 24 hours,		/ tons 7	20	lbs.		
Coal remaini	ng on hand at Noon,		110 " 1		"		

P. M.									
1	9. l. W.	Shy W.	2.3	30.22 74	1 78	73	b.c.m.	cum.	6
2	9.9%.		2-3	30.2/ 71					7
3	9. by 94.		3	30.19 7	7	8 73	b.c.m.t.l.		7
4	gh ly g.	904.	3	30.19 73					4
5		,	2-3	30.19 71	+ 76	. 72		ir	5
6	9. by 91.		0.1	30.09 75	- 71	73	b.c.m.	cir.cum.	5
7			0.1	30.09 75	76	73		cum strat	7
8	Of. by A.	balm.	0	30.09 7	1 7	5 72			8
9	Lunging	904. ly 04.	1	30.20 7	7:	3 70	le c.w.	civ.cum.	6
10	NOY. by St.	balm	0	30.22 71	72	70			4
11	166		0	30. 23 70					7
Mid.	Shuth		0	30.24 70	71	69			7

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Blear Otet. Light airs and breezes from NOV to N. N.E

Hurgell Deviteuant Ch. J. M.

Dem 4 to 8 a.m Generally clear and pleasant. Light airs to light breeze from N. N.E. Barrometer riving at 6.30 started free in bother 6.6., and D. Fecund boothe for cea, and got steaming corns on main yard and mad. Received in board in Dept. of Supplier and accounts the following feels province by the bread 95 4 lbs. lecf 934 lbs. ergetables.

n. I Colman De Eusign Qu. J. W.

Trom 8 a. M. to Merid

Sight airs to quite been vering from I NE to Fly the Dair and warm Doggy to seaward driving fast of watch Mustered over at questers at 9.50. About without leave Com Tremen 1st AD., and S. E. Wilson Cool Pause, Fries banked under botter B. & and D. Acceured in Equipment Dept. 1500 gallow of fresh water from water-boat aquidued, (4000 gallow wall) Designature of magazine 71270 friend, 70270 aft.

Geo. Rouning Lieutenant U. J. M.

Our Merid to 4 9.m.

Clear Pristy to cravared I hunder and lightning to Nid. Light to gentle breeze from Fly N. and Fly Frank Dignary, ordinary Graman, under order of the Place Dignarum bleft this ship with bag hammers and uncessary transfer papers to report on board the Ne F. R. Diement he bring in excess of the complement Backed fire under boles B. C. and D. Hurcell.

The Timitmant D. F. D.

From 4 to 8 P.M. Sentle breeze to light sive from IN and salmer. Fair and warm Misty to seaward. By direction of the Bureau of Nangation, Joseph Reserve (Gowain), left the ellip with bog and hammed, the necessary transfer pages to be seen by mail, to reject to the boundard of the Booton Orang Yand for treatment at the Naval Korpital. Fire banked under boiler B. E. and D. Quar Quartenant Qu. I. 9.

Brow & G.M. to Mid

Bleav, urb. Fight aire from Il by W. followed by calm. Hoisted in and secured steam launch for sea. Banked fine under bottom B. C. and D.

Hercell. Lientenant Qu. S. On.

Examined and found to be correct.

J. B. Milton, Navigator.

10 6 4 90.2 11 5 9 96.1 Noon. 5 8 1.9

96.

Thip Essex.

Third Rate,

			Reading		WIND.				BAROMI	TER.	TEM	PERAT	TURE.			Clear 10ths.	Ros
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	
. M.																	
1				Louth	Calm	0			30.24	70	69	67		b.m.	none	10	
2				9.9W.		0			30.24	70	69	67				10	E
3				96.		0			30.24	68	69	67				10	
4				6. h.g.	9.96	0-1			30. 24	68	69	67		f.w.	-	0	E
5				96.		0-1			30.23					1	-	0	l
6				9. 6.		0-1			30.23						cum.	0	
7	9	tean	was sub	of Okewport.		1			30.24	69	69	67		0. m.		0	l
8	2	7	74.7	9.96.126		1			30.26							0	5
9	6	4	83.8		\$6.	2			30.37					b.c.m.		2	I.
10	6	4	90.2			2			30.32							2	1
			-														æ

30.32 70 69 66 69 30.33 71 70 66 69

27. 2 9	istance run by Patent Log Deposition		
Course and dist	tance made good since preceding noon by observations,	27 knots. 2 tenths.	
	Latitude by D. R.		
	Longitude by D. R.	0 ., "	
Position at Noc	7 1 1	41004' 1."	
	Latitude by observations of o Longitude by caronometer from Forenoon Observations of o	70 056'94 "	
		41025 N."	
Position at 8 A.	M. Latitude by Bearings of Brenton Ruf Lightship	71022'04."	
		40 ° 38 ' N. "	
Position at 8 P.	M. Latitude by run from Now taken from chark. Longitude by " 'and brown observation 'and		
Current during	the time, knots tenths per hour, setting to the	9 10 00 00	
Error of the Co	ompass by Azimuth @ observed at , ship's head	0 ,	
Deviation of th	e Compass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0 '
Error of the Co	ompass by Azimuth @ observed at , ship's head	0 1 11	
Deviation of th	e Compass by Azimuth ⊙ observed at , ship's head	o variation used,	
Water expended	d during the preceding 24 hours,	400 gallons.	
Water	during the preceding 24 hours,		
Water remainin	ng on hand fit for use at Noon,	2400 "	
Coal consumed	during the preceding 24 hours,	3 tons 960 lbs.	
Coal remaining	on hand at Noon,	107 " 650 "	

Р. М.															
1	6	0	7.6	96.	96.	2.3	30.34	71	72	67	68	b.o.m.	cir. um	8	9.
			13.6		96. by 9.	3							atral		
3	6	0	19.5		96	3	30.34	71	72	67	71			7	
4	6	0	25.5		96. by 6.	3	30.34	70	71	67	72			6	
5	6	1	31.6			1	30.33	68	69	65	71				
6	5	9	37.5			1	30.32	67	67	64	69	-		1	-
1	5	5	41.9			1	30.27	66	66	63	69	00.	mil.	0	
8	5	3	48.2			1	30.28						cum.	0	-
9	6	3	53.5		-	0.1						0.c.m.w.			
1			58.8	-	6.96.	0-/									
			64.3	-	.,	0-1	30.29						-		1
Mid.	6	4	69.7			0-1	30.29	62	62	60	69			0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Clear and bright mornlight until about 3.00 when a thick fog est in balm Steady barometer Banked free in boiler B. b. and D.

Final 4 to 8 a. M. Sight air from 9 9 & and calms. Foggy first two hours, partly clearing last two Squad fire at 5.00 under botter 10 b. and 9. At 6.30 immored and started ahead. Italideing out of Principal Continuous attains about Commonding Officer coming with 132 when with Bruton Reef Light Flip ahean and ditant about 400 yards; est conse 9 6 6. 12 6 per Flandard, and pat one point of departies Lat 41:25 h. Eng. 71-22 h. At 6.30 made general eigent July 14.70 Enterth from point of departies Lat 41:25 h. Eng. 71-22 h. At 6.30 made general eigent July 4890 Emetallation conserved gos. Enletted a 6. Though on Landeman to serve them (3) years from the date July 17. 1894. Draught of ship forward 13 1/5": aft. 16. 5 12. across estem 55 lbs. Revolutions 43.

From 8 a. M. to Merid.

Cloudy and miety. Light to guth breeze from FE. At 9.30 mustured at quarters.

Chew I dense mitted to guth breeze from FE. At 9.30 mustured at quarters.

When the working order. Directual drill for General Quarters worked flood cocks and found them we good working order. Directual drill for General Quarters would so. 45. them practical scannable for works blow with 11.15. It aming with free works brilers B. 6. and D. Some F. J. E. 12 E with 11000K when it was changed to J. 6. Lenguative freeze magazine It 70°, after magazine It 21°.

Acres on whitein 43. Iteans present 55 lbs. By order of bommanding Officer, J. F. Warlen Ca. was nated to breward and grow an acting appointment as such.

Oran Mend to 4 99. Die wather fiel their house running into damp fragy writher bask hour. Cluder steam alone, free under briles B. b. and D., steering corner F. B. Diet main and miggin topmant staypails and gaff topsail Instituted apprenticle of watch below in gunning Eint apprentice of forth within aloft for exercise also gave instruction in log and lead lines arriage deam present 55 lbs. awage number of revolution 43.

From 4 to 8 P.M. Shouly and misty. Light ani from FE by F. Baroneter falling Exchanged colorer with a Gennal attanes standing to the Observate. Several sail in eight during statel at end of watch under straw in boler B. E. and D. or concer FE. arrange straw 55 lb. average revolutions 43.

Drow & P. to mid.

on her course \$6. Gpc) under steam in bilers B. C. and D. Fea knooth arrage steam 55 lbs. arrage revolutions 43.

Examined and found to be correct.

J. B. Mailler , Navigator.

480 Lewtenant M. J. M.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newport, R.S. to Southampton, England.

				acres of	y forminge	10000	1	,							1			
				Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Hear the.	Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A	M.	72	3			d						,						
1	1	6	8	75.8	96.	96. by 6.	1	0	0	30.30	63	63	61	65	0. m.	_	0	3
2	2	6	8	80.8		. 0	1	0	0	30.30	62	62	60	64		,	0	
3	3	6	2	85.6		East	1	0	0	30.29	61	61	59	64	o.f.		0	
4		6	2	90.3			1	0	0	30.29	61	61	59	64			0	
5	5	5	6	95.1			1	0	0	30.29	60	62	60	64	f.		0	
6	5	3	5	97.8	9. 3. 6.	NE. by 6.	1-2	0	0	30.29	60	61	60	64	0		0	
7	,	,	5	Hauledin	96.	. ,	2	0	0	30.29	60	61	60	65	-		0	
8		,	8	Cuata			2	0	1	30.29			59	66			0	
9			100				1.2	0		30.32					0.6.	mint.	0	
		'			34.8												0	
	-						1000							1	le a m	cum strat	,	
				*			1000								-0.0.750.	mine.	,	1
101	n.	0	5		76.		0-1	0	14	30.31	93	64	02	99		1		
10	,	000	0 2 2		96./46. 96/29. 96.		1-2 0-1 0-1	0	3/4	30.31	60	62	60	69	b.e.m.			0

113.3 Distar	we new by Log.		
Course and distance	e made good since preceding noon by observations, \$50° 6.	123 knots. tenths.	
	Latitude by D. R.	39 ° 59 ' A. "	
	Longitude by D. R.	68 0 51 . %. "	
Position at Noon:	Latitude by observations of ⊙	39 ° 42' N. "	
	Longitude by chronometer from Forenoon Observations of ⊙	Cloudy o - ' - "	
D	Latitude by D. R.	48 001' Nr."	
		68 0 51 . 94. "	
n	(Latitude by D. R. from Norw	39 ° 41'N. " 68 ° 38' W. "	
Position at 8 P. M.	Latitude by D. R. from Novn Longitude by Chronometer from afternow observation	68 0 38 . 01. "	
Current during the			
Error of the Compa	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0 '
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 , "	
Deviation of the Co	empass by Azimuth O observed at , ship's head	o ' variation used,	
Water expended du	ring the preceding 24 hours,	400 gallons.	
Water distill	d during the preceding 24 hours,	200 "	
Water remaining of	hand fit for use at Noon,	2200 "	
Coal consumed dur	ng the preceding 24 hours,	9 tons 720 lbs.	
Coal remaining on	hand at Noon,	97 "1170 "	

P. M.																	
	1	0	Hauled in.	96. ly 6.	Storth	0-1	0	1/2	30.32	63	64	62	69	b.c. m.	cum. mind	1	9.
				96.		0-1	0		30.31								
3	1	5		East		1-2	,0	0	30.31	64	65	62	69		cum.	5	
		5				1-2	0	0	30.30	64	65	62	69			5	
5	0	5		6.98.126.		1-2	0	1/2	30.29	64	65	62	69	-		5	
6	0	6		96. by 6.	. "	1	0		30.30							3	"
7	0	9		96.	19.	1	0	1/2	30.31	61	62	60	69			4	
8	0	7		East	North	1	0	1/2	30.31	60	61	60	69			6	"
	0		1.0	96. h, E.	Calm.	0	0	1/2	30.31	61	62	61	69	D.C. m.	mint.	0	
		5		6.96.	North	0-1	0		30. 28						-	0	
11	0	6				0-1	0		30.27							0	
Mid.				No steerageway	balm.	0	0									0	
				9					,								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m Light airs from 96 by 6, and East. Overcast and misty first half, foggy after 230. Flowed down and sounded fog whistle at intervals afth 2.30. I most sea. Under oteam alme on cour 96. per Foundard. acrosp steam 55 lbs. Revolution 43. apprentices at the wheel.

From 4 to 8 a. m. Dence fog. Tight are and brew from East and N.E. by E. Steaming until 5.30 when steam was albourd to run down and free die nit under bother & and I Banked frie under boder B, and commenced distilling. at 4 30 made sail to topeacle and at 6 o'clock, ard all said except manual and gaff topball. Under their endition as to said at sud of watch. At 5 so hauled in patent by reading 97.8 Knoter. Comer FE. appendicip at the which.

From 8 a. M. to Merid. Firm No. by & Barmera steady. Dictilling with banked free under both B. at 9.30 muetied and inspected at quarter after which exercises at said dills, or; rested toperate and another matter after which exercises at said dills, or; rested toperate and continued and close. inspected by quartice after which exercises as one once, on mean expension compared many regal yeards; fully light early and stud dawn regal yeards; and up only yeards and up only yeards and surject one of maintail, at main trymmest and migger topmash staypails. Derpend life brog and picked it up in fow minutes bosses East, by the wind on port tack making about \$6. Appendice at the which I superature of magazine p-p-forward, 70-70- aft. Absentes without lear, Em. Donness & 1.el. and G. & Pilge & P.

Serge R. Cornell.

405 Ensign U. J. N. Gum Merid. to 4 J.M. Baroneter steady. Allo clack jujets up all bage hand inspected light dies to light bruss from North. Baroneter steady. Allo clack jujets up all bage hand inspected light clothing against made not regular monthly clothing against line. Summer gang varibanted and claused spale acticles raid accessary brosses of exemplan batter. As and from all plane each to regale (steeps emple and his manufactural) all topmark stageals and man tripail or cover Each. Distilling with bandur free under lain. briles B. apprentices at the wheel. n. J. Colsman

Courge U. J. M. Oum 4 to 8 4.9%. Generally cloudy and hazy. Fight and from North and N. Conne East (pc) This full and by with backy sterageway. At 70 clock hauled down and stood flying jet, man and onegon full and by with vally secregamy, in a case in a sum main typical, tyggellast each and our topposes the trypallast each and our arigh rest in topposes, after which ask topposes are represented as the whole as the water and the word on you tack under jet for topmand strugged topposes, foreigh single region and aparter Distilling with backed fire under foreign sufficients.

From 8 P. M. to Mid Light air from North and calmo Orecast. More row at 8.18 and should through cloude last home. I morth ess. Lauled up manical at 11.55. At end of watch under git, for transit staypail spanker foreail and topgallant sails one enigh refled topsails. Distilling with banker free under boiler B. apparentices at the wheel. Grane Ge

Examined and found to be correct.

J. B. Millon, Luitewant W. J. M.

The Lieutenant Qu. & M.

LOG of the UNITED STATES

Coal remaining on hand at Noon,

OG of the UNITED STATES Phip Essex, Third Rate,
Making passage from Chewport, a.J. to Touthampton England.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		Tear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	8	7		<i>(</i> 0.	0 0				. ,		1.	1.		,			4
2	0	0	Thatled in	no steerageway	balm	0	0	0	30.26				1	b.c.m.			9.
-	0	0			"	0	0	0	30.25				,	"	cumetral		-
3	0	0	-		n	0	0	0	30.24				11	"	"	9	-
4	0	0			•	0	0	0	30.25	64	63	61	70		1.	9	
5	0	0				0	0	0	30.25	66	64	63	70	"		8	
6	0	0				0	0	0	30.25	-68	67	65	70	. "		9	
7	0	8		East	Ot. by 9.	0-1	0	0	30.24	69	68	67	70	b.c.	cir.	9	
8	1	2				0-1	0	0	30.25	70	68	66	70			9	
9	0	9				0-1	0	0	30.25	70	68	66	70			9	1
10	0	6				0-1	0	0	30. 24	72	69	67	71		cum	6	
11	2	2	97.9		J. 904.	2	0	0	30.26		1					4	
Noon.	3	0	99.5			3	0	0	30.26	,	1000		1			5	

17 4 Dietas	ice run by Log.	
Course and distance	te made good since preceding noon by observations, 787 6	25 knots. tenths.
	Latitude by D. R.	39042.1."
	Longitude by D. R.	3904211." 680 30194."
Position at Noon:	Latitude by observations of ②	39 0 40 1 1. "
	Longitude by chronometer from Forenoon Observations of O	68 0 30 '04. "
	(Latitude by D. R. from Noon	3904111.11
Position at 8 A. M.	Latitude by D. R. from Noon Longitude by observation	68028'94"
	(Latitude by D. R. from Som	39 ° 47 ' N. "
Position at 8 P. M.	Latitude by D. R. from Som Longitude by Chronometer from Afternoon observation	67047 . 04. "
Current during the	e time, 8 knots tenths per hour, setting to the \$82 - 6.	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 '
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	aring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	800 "
	n hand fit for use at Noon,	2600 "
Coal concumed dur	ing the preceding as hours	1 tons 21/04 lbs.

P. M.																	
1	1	6	102.4	6.12 St.	901. by 9.	3	0	0	30.24	73	72	68	71	b.c.m.	cum etre	+ 4	g.
2	3	0	5.1		. 1	3	0		30.24						-	6	-
3	3	0	8.1			3	0	0	30.22	73	71	68	70			5	
4	3	0	10.7			3	0	0	30.21	73	71	68	70			4	
5	3	1	13.8			3	0	0	30.21	72	70	68	68			4	
-6	3	5	95.6			3	0		30.16							2	
			99.3			3	0		30.14						-	2	
8			3.1		.,	3	0		30.14							2	-
9	4	7	7.8			3	2						1000		cum.	7	
10	4		11.9		OL. FOL.	3	2		30. 15				-			4	
11	4		16.5			3	2	0	30. 15	71	69	68	73			5	
Mid.	4	8	21.5		Ok. by 9.	3.4	2	0		/			/	b.c.m.w		5	

Midnight to 4 a.m.

blowdy to clear. Micty. balon. Come East. at 3 a. m. took in spanker with this exception, under same sail as in preceding evated. Distilling. Branked fire under briles B. appendices at the wheel.

Orono 4 to 8 a.Pm.

Lieutenant W. J. M. Dive wrather balms. After 5.00 my light Obestell aine Baronter steady. Thook interest from topsaile, made all plain sail, except aparter rand wrather clew of manhail. Distilling with free banked under biler B. After about 6,30 m course East. Apprehiculat the wheel

Orm 8 a. M. to Merid.

Barometer steady. At 9.30 musticed and inspected crew at quarter about inthost leave bon Townson (3.1 cl.) and G.E. Wilson (GP). From 9. 40 to 10.40 exercised all hands at shortening sail, fulling sail, loosing and setting sail. At 110 clock regard int apare flying jit no starband side as love studding sail and set appealer eparter eparter of the sail and space royal regard and sugged as muzzer topical. Instructed appearance in gran used in setting there each it end of watch under all plain sail to royale (except single suff in manusal) all topmart staypale, starband lover studding sail muzzer topical and apparter gaff topical or corner Each. Distribuing with banked fire under boiler 13.

Appendicion at the whole. Designature of magazine 71°71° flowed 71°71° aft.

Eurign U. J. W. Dum Merid. to 4 99W Dair and pleasant. Gentle breze from F. Oh by S. Ferred out clothing and conall stress. Come East (pe.) until 12.30 P.M., when it was cloudged to E. to &p. Stlip on her coner under pane sail as at end of previous waters and in addition the main typical with head hauled down. appendices at the what Distilling with free banked under boiler 15. Gumer's gang engaged repaining the durains tubs. W. Blakerton

Lintenant U.S.W. Oum 4 to 8 G. M Gentle breeze from IV. by T., steady in force rand direction. Cloudy Thurst sea. at 7.00 reduced sail to jet for topmach staysail food of main trysail epauleer foreail surgle refer manuail and topgallactic sails one beingle refer topsails. Dietilling with free banked under boiler B. apprentices at the wheel. Rocall

Trom 8 P. M. to Prid

Lieutewant U. J. M. D'air and damp. Gentle breeze from FGh. by I, necessing to moderate breeze last how and arring to H. I. Room now about 8.50. This on her corner E. R. N. Go.) under same sail as at end of previous watch. Chan into Gulf Friedm between 10 and 110 clock, as temperature of sea water row o degrees. Appendice at the wheel Distilling with five banked under briler

Herrall Lieutenant U. G. W.

J. B. Mo illon , Navigator. Leviterant Ch. J. N.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from newport R.S. to Southampton, England.

			(0 0					-				U				10000
			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	- State of		Bear ths.	Sea.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.				6.1/2 Nr.	Ok. by 9.	4	0	0	30 13	73	72.	71	70	b.m.w.		1	9
			26.1	U. 12 UI.	Car. ry s.	4									cum.	-1	V.
2	5	2	31.3		0:		0		30.12						-	7	-
3	6	1	37.4	,	West.	4-5	0	0	30.12	73	72	71	77		cum ania	-3	E.
4	6	1	43.5			4-5	0	0	30.12	74	72	71	77			2	
5	6	5	49.6			4-5	0	0	30.11	74	72	71	75	0.0.		0	9u.
			55.8		Ot. by N.	4-5	0	0	30.10	74	72	71	75	b.c.	-	2	
1000			62.0		1	4-5	0	0	30.09	75	73	71	74		cir.cum	1	
1			67.9	-		4-5	0	0	30.07	75	73	72	74	B		2	
100			3.0		Otest	4	0		30.08						cum.	2	
10			78.9			4	0	0	30.07	76	75	73	75			2	
			85.1			4	0		30.06							2	
			92.2			4			30.05							2	
		_		1.0					-				1			1 2	-

116 4 Dictaure new by Fig.	
	//O knots. tenths.
(Latitude by D. R.	40 011 1. "
Longitude by D. R.	65 053 194. "
Position at Noon: Latitude by observations of ⊙	40 0 10 14. "
Longitude by chronometer from Forenoon Observations of ©	65 ° 58 °W. "
Position at S.A.M. Longitude by D. M. from Noon Longitude by Orthografien	40 005 N. "
Position at 8 A. M. Longitude by Observation	66 0 28 , 94 . "
Position at 8 P. M. (Latitude by D. N. from Noon) **Longitude by Shronometer from afternoon observation o	40015, 1. "
Position at 8 P. M. Longitude by Shrowmeter from afternow observation o	65008,94. "
Current during the time, 4 knots tenths per hour, setting to the \$76.9%.	
Error of the Compass by Azimuth ⊙ observed at , ship's head	• •
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' · variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	520 "
Water remaining on hand fit for use at Noon,	2720 "
Coal consumed during the preceding 24 hours,	1 tons 760 lbs.
Coal remaining on hand at Noon,	94 " 490 "

P. M.	3	3	95.8	6:1/2 N.									0			2
1	3	3	99.1	6.128.	Ch. NW.	5	2	0	30.05	77	76	74	b.e.	cor. cum.	3	The.
			5.5			5	2	0	30.04	77	76	74	-		2	-
			11.7			5	2	0	30.03	77	77	75				
4	6	0	17.7			5	2	0	30.03	78	78	76			5	
			23.2		Ok. lyd.				29.96							
6	5	3	28.5						29.96							
7	5	4	33.8						29.96					cum mink	2	
8	5	4	39.2			5	5.2	0	29.96	77	76	74			1	
			44.1						29.97				b.c.w.		1	
			48.9						29.97						1	
			53.4						29.98				O.C.M.		0	
Mid.	4	8	58.2						29.98						0	-
1																-

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to # a. m

Erair Moderate to stiff breezes from Mr by S. and Mr est. Conrac Elast at about 2.00 took in main trypail and spanker; under for topmach staypail, jet forwail single regled manusail single reefest topsails and toppallant sails. B. arometer strady. Duis banked under boter B. Stopped distilling at about 2.40. apprentice at the wheel.

George Reones & Ensign U. J.Ch. Orone 4 to 8 a.m. Cloudy. Moderate to stiff beery from Phest to Oh. by S. Baronetter falling slightly. At 430 turded reef int of topsails and set royals. At 6.38 flushed belger with atteam fix here. At 6.30 started evaporator. At end of watch under all plain soil to royals except flying jil epaker, engle reef in manical, on come G. 12 Se appendices at the wheel Detilling with banked fue under buter B.

From 8 a. M. to Merid The Gusign U. J. M Cloudy but pleasant. Moderate breeze from West. Conse G. 12 N. (p.c.) at 8.30 set main and miggin topinale stayaile and at 90 clock all equiler: at 915 hauled down main topinale stayaile are the down of the said had directed dille topinale stayail as it would not down. At 930 mustered at quarter and had directed dille. By order of Communding Officer, b. Formand 910) having how about own librity tim days, was deland a deepth from the 10th instant. Cleaned high. At 10.30 stopped distilling and allowed frie under briter B to die out. Dunner gang at work cleaning mt, and always, both of main battery, and cleaning rifle. At end of watch this on her course what for and myse topinal stayable and all plain pail to regale except flying jit and is engle nel in manual apprenticle at the wheel Enquertum of real water row 110 during watch. At 11 a. M. discoved the starband models chair course course away about two links from the radder. Durperature of magazine 11°, 71°, forward 11°, 11°, aft. forward 71-71: , aft.

From Merid. to 4 9.90

Lieutenant Cu. G. R.

Stiff breev from Ot NOV. Partly cloudy. Moderate following sea Ot 12.30 changed cones to ON. 12 & per Frankaid Exercised bryes at mauring gear. At 3.30 series at the fire alarm. Started pumps at 3.30 getting the first straw in one menute. Got up provision for alrandouing any and mustered ones already their brate. There as 3.54 Mudes all plain sail to royale except flying jil and a single reef in the mainsail. apprentices at the wheel.

Cloudy. Stiff breeze from Ob. by N. Evener E. T. S. Okoderate following sea. at 5 P.M. took in muzeus tozemant stayeait. At 7 P.M. took in the spanker. at 7 rs took in myster and put suight neef in the typeails, and all topgalland sails and bauled up manusait. Appentice at the wheel.

From 8 J.M. to Mid

Cloudy Products been from Ob. by N. Comes G. 12 I. Under same sail as at end of watch preceding. apprentices at the wheel.

Jange R. Ernus.

The Energy Ch. S. Cu.

Examined and found to be correct

J. B. Me iller Navigator. Sintewant Ok. S. Ok. Navigator.

LOG of the UNITED STATES Thip ESSLX Third Rate, Making passage from Newport, R.D. to Southampton, England

			(/	0 0	WIND.				BAROME"	TER.	ТЕМЕ	PERAT	TURE.			lear bs.	Sea.
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		7 2	63.4	6. /2 F.	O4. A 04.	4	2-5	0	29.98	77	76	73	80	O.c.	cum.	0	She.
2	4	6	68.0			4	4-6	0	29.99	77	76	73	78			0	
3	4	7	72.7			1	4-6	0	29.99	75	75	72	70	1,		0	
4		3	77.0				2.5		29.97		1	,				0	-
5		5			A 04.		3.7		29.97	,		,	100	b.c.		0	£.
6		2	84.0				3-7	0	29.96	'	,	71	,	-0.6.		2	"
8			87.8			3	3-7	0	29.94	-	/	/	,			1	
9			93.1	, .	16 06. by Ob	3	2.5	0	29.97	0.00	1000		,	b. o.m.		2	
10		9				3	2-5	0	29.97	74	74	72	69			4	
11		6				2	2-4	0	29.97	75	75	7+	70			4	
Noon.	1	0	97.8			1	2-4	0	29.97	75	75	74	70		-	4	1
				0.6		1	-	-			-		-			-	1

107. 6 Dietauer rum by Log.	
Course and distance made good since preceding noon by observations, \$85° 6.	10 5 knots. tenths.
(Latitude by D. R.	40 0 22 1 N. "
Longitude by D. R.	63 040,94. "
Position at Noon: Latitude by observations of	40 019 .N. "
	63 037 , 01 . "
Longitude by chronometer from Forenoon Observations of ©	40 0 18 . N
Position at 8 A. M. Latitude by D. R. Long. Nom. Longitude by Observation	63 0 47 .94. "
(Longitude by Uniteration)	40 020 Mr. "
Position at 8 P. M. Latitude by D. W. Jame Norm **Proposition at 8 P. M. ** Longitude by Chevrometer from afternoon observation 0	63 0 16 94. "
	63 0 16 101. 11
Current during the time, # knots tenths per hour, setting to the	.1 .01
Error of the Compass by Azimuth @ observed at 5.33 Phyship's head & 1/2 9.	16.03.01.
Deviation of the Compass by Azimuth @ observed at 5.13 PM, ship's head & ./2 S.	4 0 2 2 6 variation used, 16 0 30 2
Error of the Compass by Azimuth © observed at , ship's head	0 / //
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	2320 "
Coal consumed during the preceding 24 hours,	tons 400 lbs.
	94 " 90 "
Coal remaining on hand at Noon,	

P. M.									-						1000	100	
	0	8	98.1	6.12 9.	CH. A 94.	1	0	0	29.98	78	77	74	72	b.c.m.	cum.	4	£
2	0	8	Hauled in			1	0		29.97							4	
3	1.	2			-	2	0	0	29.97	78	77	75	78			4	
4	1	3				2	0	0	29.97	78	78	75	77			4	
5	1	5				2	0	0	29.98	78	78	75	77			3	-
6	1	8				2	0	0	29.99	78	78	75	77	s.e.	cum min	2.0	
7	1	7				2	0	0	30.00	77	77	74	77	b.c.		1	
8		8				2	0		30.0/		100					2	
9		8	98.1		(4. by Jb.	3	0		30.01						cum.	8	9.
10			100.2			3	0		30.01				10000			8	
11			101.5	,		3	0		30.01				1		none	10	"
			2.5			3	0		30.01							10	
21.0											,	1					-

Midnight to 4 a. On

Our cast and pleasant. Moderate breeze from Ot. N. V. Barometer steady. At end of watch under jit, for topmant stayaril, foreail, enigle refed topsails and topgallant early, on conse E. I. Gepprentices of the wheel.

M. J. Comman Eusign U. S.W. Crum 4 to 8 a.m. Cloudy Gentle to moderate been from NV. Encue 6.12 F. (po) at 6.30 the stame Forento with no colors flying pained alone about bound to the 6d. At 4.30 abord reefs out of toperate and made all plain sail to regal except flying jet and wrather clew of manual and an migrow topman topayards. Long such from betward. At end of water ships on her come under for and mysow topmant stayards and all plain sail to regal except flying jet and wrather clew of manuals apprentice at the wheel At 8.00 hauld in particle and found it found with turne; cleaned it and put it are again at 8.05 reading 90.6 miles.

From 8 a. M. to Merids.

Heatle breeze to light aire from A O. by & bloody and warm. Ing evel from Mit and Od. arish bedding. Florey 6. Wilem, Good Passer having body about without leave from July 11th was their day declared as deserter. At 11.55 took in mygen topmark staying and spacker. At Unc Lientenant U. J. D. end of watch under plain soil to royale except flying jet, spanker and weather clear of single responsable, apprentices at the whal Demperature of magazine 13: 10 forward 71: 11 aft.

From Merid to 4 9.m. Lieutenant U. J. M blear. Misty. Sight air and breeze from Ot. 484. Comm E. 12 F. At end of water under early as in previous water with starband studding sail, which was set at 1.20. At 1 Ph. hauled in patent log 98.1 kurte. Deseperative of sea water variable. Apprentices of the whole at the wheel.

Hurcul. Leeitewart M. F. M. From 4 to 8 P.M. Party cloudy miety and sultry. Light breeze from D. N. H. Cheing barometer.
On come E. In S. under same sail as preceding watch up to 7.00. Spoke the English stramer
British Princese Echanged number and segulled, both primare N. N. D. N. ansured J. D. A. 647.00
took in brown studding sail; called all braids nef topearle; shortened sail and took ne nef in
topearle; shorte out suffer and made sail to exple, except flying jit and sparker and single nef
and water clev of manuscil. Apprentices at the whele

George R. Erans. " Eusign Qu. J.W. From 8 P. M. to Mid. Clear and pleasant. Bright starlight . Gentle breeze from It. by N. Barometer steady. At end of watch under all plain sail to royale, except flying jet and watcher clear of mainsail and aparker, on conce E. To I. Appuration at the wheel. 7. S. Coleman. Eneign W. S. M.

J. B. Me'llin Sew. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Newspirt, R. D. to Southampton England.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	TURE.	State of		Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		3	3.4	6/29	Ot. la J.	2	0	0	30.00	76	75	74	78	b.w.	none	10	8
2		7	4.5		04.994.	2	0	0	30.01			,				10	
3	2	7	7.2			2.3	0	0	29.98	76	75	74	78		ciri eum.	10	
4	2	9	10.1	-		2-3	0	0	29.99	76	75	74	.78	b.c.w.	circum	8	-
5	4	2	14.3			3	0	0	30.00	76	75	73	77	b.c.	"	4	
6	4	2	18.5			3	0		30.00						cir.cum	100	
7	3	5	21.8		"	3	0		30.00						cir. atrak		
8	3	1	24.9		Chail at	3	0		30.00							8-	
9	4		29.3	. ,	991. by 94.	3.4	0		30.02			1	1		Cir. eum.	5	
10	3	1	33.0	-	fox.	3-4			30.02		100					5	1
11		2	37.2		o W.	3-4			30.05							5-	
Noon.	4	6	41.8	No. of the last of		4		0	55.00		. 2	17	17				

61. 0 Dietauwan by brg.	
61. O Detraction by bog.	95 knots. tenths.
Course and distance made good since preceding noon by observations, A 64 6.	
(Latitude by D. R.	40 026 · N. "
Longitude by D. R.	62018 191. "
Position at Noon: Latitude by observations of O	41 001 ·N. "
Longitude by chronometer from Forenoon Observations of ②	61045,94."
(Latitude by D. R. from Noon	40 0 39 · N. "
Position at 8 A.M. {Latitude by D. M. from Noon/ {Longitude by observation	62 006 194. "
(Latitude by D. R. from Now	40 057 . Nr. 11
Position at 8 P. M. (Latitude by D. ll. from Noon afternoon observation)	0 60 0 44 , 94 . "
Current during the time, #4 knots tenths per hour, setting to the \$\mathcal{M}\$ 38 \displaystyle{\mathcal{M}}\$	5.
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the Compass by Azimuth @ observed at , ship's head	o / variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1920 "
Coal consumed during the preceding 24 hours,	tons 500 lbs.
Coal remaining on hand at Noon,	93 " 1830 "

	T	To	T									1						
P, M	2 2	3		44.1	6.96.	9.994.	3.4	0	0	30.06	80	80	77	19	b.c.t.	cir.cum.	5	P.
				50.9			3	0	14	30.06	80	80	77	79			3	
				55.2			3	0	14	30.06	79	79	77	79		cum mint	2	"
4	4	0)	59.2			3	0	1/4	30.05	79	78	77	79		cir cum.	2	
. 5	4	1	3	64.0			3-4	0	1/4	30.05	79	78	76	79		cum strat.	4	
6	3	8	1	67.8			3	0	0	30.05	79	78	76	78		,	3	
7	4	0	,	71.8			3-2	0	0	30.05	79	78	76	78			4	-
8	3	8	1	75.6			2.3	0		30.05						cum minil.	0	
9	5	0	4	80.6	,		3-4	3	0	30.06	78	77	75	78	0.c.q. pt.l		0	-
10	4	4	4	84.8			3-4	3	0	30.06	78	77	75	78			0	·
11	2	9	1	87.7			3		0	30.06	78	77	75	78			0	
Mid	. 3	2		90.8			3	2	0	30.06	78	77	76	78	0.0.19.6.0		0	
															1			-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oriednight to A a M. Clear and damp. Bright morelight and starlight. Fight to gentle breeze from Or by I., backing to Or. I'M. Sica smooth. This on her course 6 12 I (pc) under for topmant staysail and all plain sail to royale, except flying jit, port clear of maintail and aparter. application at the wheel.

From 4 to & a. On. Sentle breeze from Oh. F. Ch. Fair and phasant. From the sea. Fighted a two mainted steamer standing to the Oh at 4.30. At 4.25 set the flying jit, put clew of maniful main and miggor topomal stangail spanker and studding sail. Fet the miggor goff topsail at 7.30. At end of watch under all sail except the main thysail and a single reef in the maniful. appunition at the whole.

From 8 a. M. to Merid.

Clear and pleasant Gentle to moderate breze from 90 by and 904.

as 9.30, mustered at quarters. Commanding Officer inspected ever and ship after which he held.

Diring Fenres. Quide same sail as in presiding watch early single nef in manuscil which was shake out at 11.20 a m. appendices at the whell Conce 6.43. Demperature of magazine ys 72° forward, 73° 73° 44.

Dem Meind. to 4 P.M. Sieutenant & 39. Lender passing action of we accompanied by dictant thunder. Sentle breeze from the 5.9% to 50 by 3 companies about stream, all 12.30 changed concer to 6.36 Patent org reading 44.1. Under same pail as preciding writer affect agree at the wheel.

From 4 to 8 P.M.

Scorge R. Everin De S.M.

Chercy and warm. Rain equally in sight on horizon, with thunder and lighting.

Sight to moderate variable breef from F. & M. Balonter steady. At 7 or closer fueled rayale and

stood flying jit and gaff topical. At end of writch under tell plain sail to topicallant

and all topical staypoule, or conv. E. & Cappenture at the whele

N. D. & Som an

From 8 V.M. to Mid.

bloody, equally with passing showns and unsettled weather. At 9.30 a heavy rain aqually with passing showns and unsettled weather. At 9.30 a heavy rain aqually with highlining all award brough during entire watch. Strate to moderate breeze with light aqualle first the houle. At 8.30 took in, man had surjet topmash stayouly such at 8.30 took in sparker. At 9.00 took in manicale and at 9.25 clearly up topgallant sails to a equall. Concert 6.46. (pc). At end of watch ship or concerndent for topmash stayouil and all plain each to topsails except marrial and aparker. Experience at the whele.

M. Caperton.

Examined and found to be correct.

The Lieutenant QL & DL

Gen. R beack

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newfork R. D. to Touthampton England.

			0	0 0	U							v		U			1
			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.	State of		f Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M.	49		93.5	6.96.	F.901.	3	0	0	30.05	74	75	73	78	o.c.v.l.t .	nint.	0	9
		1	95.8	0.00.	North	3	0		30.05							0	
3	0		,	No sterageway	balm	0	0		30.03							0	
4	0	0	Hauled in		<i>m</i> "	0	0		30.03						-	0	
5	0	0			Vanable	1	0	0	30.00	73	71	71	78	b.c.n.	Cum neine	4.1	
6	1	5		96.	16. by €.	1	0	0	30.01	73	73	72	77	b.c.	nint.	4	
7	2	5	96.1	96. h. 6.	, 1	2	4	1/4	30.03	74	73	72	77		-	3	
8			2.3	96.346		3	4		30.04					1	cir eum	2	-
9	3		6.1	96. by 9.	6. N6.	3	4		30.09					"	cum.	4	-
10	2	9	9.0	96.12 6	16. by 6.	3	4	1/2	30.10	75	75	73	78			4	1.
11	0	8		96. by 6.	NE.	3	0	0	30. //	75	75	73	78			4	
Noon.	3	1	12.1	96.	JUE. by 6.	3	4		30.12							4	-
	-					1		-	-				-		-	1	-

73. 5 Distar	use new by Log	
Course and distant	ce made good since preceding noon by observations, 972 6.	98 knots. tenths.
	(Latitude by D. R.	40 °44 · N. "
	Longitude by D. R.	60 0 16 194. "
Position at Noon:	Latitude by observations of ①	40 028 . N. "
	Longitude by chronometer from Forenoon Observations of ©	59 039 .04. "
	The state of the s	40 035 , N. 11
Position at 8 A. M.	(Latitude by D. N. furn Norm (Longitude by Observation)	59053101."
	Congitude by State Comment	40 0 15 W. "
Position at 8 P. M.	(Latitude by D. R. Joon Noon Longitude by Chenometer from afternoon observation	58 0 45 W. "
	(Longitude by Olivamille from afternoon observations	
Current during the	e time, 33 knots tenths per hour, setting to the \$62.0	0.
	eass by Azimuth O observed at , ship's head	0 ,
Deviation of the C	ompass by Azimuth O observed at , ship's head	o ' variation used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0 / //
	compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
	nring the preceding 24 hours,	320 gallons.
Water	during the preceding 24 hours,	
		1600 "
	on hand fit for use at Noon,	tons 800 lbs.
Coal consumed dur	ring the preceding 24 hours,	93 10-30
Coal remaining on	hand at Noon,	10 1000

P. M.	3	2	15.3	\$6.126.	N.E. by E.	3	4	1/2	30.14	75	75	72	79	b.c.	cir.cum.	5	9
			18.4	96. by 6.	NE. by N.	3			30.15						um atre		
3	3	9	22.3	6.96.	N.N.E.	3-4	4	1/2	30.16	75	75	72	79		mint.	3	
4	4	7	27.0			3-4	4		30.17					,		4	
			33.0			4	.7-2		30.18							1	-
			38.6			4	7.2		30.20							4	3
			44.0	96.	A8.		7-2		30.20							4	~
			50.0	96.126.			7-2		30.20							1	-
			56.4	96.149	16 by 6		7-2		30.20						cum mint.	1	
			62.8	\$6:129.	8.18.		7-2							U.c.p.		0	
			68.6	9. 4 8.3/46.	6. by N.									b.c.9.1p.		2	
			73.8	9.98.126.	1		7-2									2	
							'										

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Sentle breeze from F. F. fiet hour, endeduly occuring at 100 in a rami
equall to North. Calm after 200. Continuous sain after 100, with thunder and lightning.

Throoth era. Fighted the lights of a steamer at 100, standing to the Mt. Ander jet, for
topmark stangail, forwish and topsails. appendices at the whell doubt in patent log at 3 oo
reading 961.

Own 4 to 8 a. M. Sintmant a. 89.

Clearly to fair Pauning fiel half of fiel how Caucitle aire fiel how.

thew light aire to glutle breeze from N.E. by E. at 4.30 wore alige to 8th and Ed. at 60 clock made sail to expale. At 7.25 set stayacile. Comber E. F.E. at end of watch by the reside under all sail except main tripail. Apprentice at the whal at 6.20 put our pethod by G. I hute.

Herrell

Orom 8 a. M. to Merid.

Colondy to fair. Sentle breeze from between N.E. and E. N.E. Riving brometer.

By the wind on the pool tack: plain said to wale and main and migron topomach staymale gaff thread ale main tryonil after eleven. A 9.30 multired at quarter. Between 9.30 and 11.00, general said dill. Bar instruction to boye of watch on deck in machinepike reamanchip, between 11.00 and Mendian appendix at the wales. Designature of magazine 14.73° formed, 73° 73° aft.

Force Preside to 4 FM.
School pleasant Sentle to moderate been from No. by & to I No. Becometer rising From 1.5 to 2.30 instructed watch below at malmespilo and said and space from 2.45 to 3.45 gunney and below lad not log. Summer gang engaged cleaning all libricating trummers of main latter. We end of watch under all plain lail to roycle and all togeness appeals and main trypul asks aparks geff topical on concer & FE appendices at the wheel.

From 8 P.M. to Mid.

Thiff to moderate been from ME. by E. and E. by M. Cloudy, spartly cleaning last tun hours. Passing rain shows after 9.30. Thom showing last half how Jok in man timed at 11.30. By the wind no god tack under jet for topmach stayeast, spanker course, and topgetlast sails now single refed topsale. appendice at the wheel.

The Reach Scientingach M. J. M.

Examined and found to be correct,

J. B. Miller Surgerer.

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Newport R. J. to Southampton, England.

	-		Reading	0 0 0	WIND.				BAROME				URE.	State of	Forms of	Clear oths.	e Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	61 5		79.3	J. 96.	E. ly 1.	4	3-7	1/2	30.23	75	74	73	78	b.c.us	cum ninel	6	d.
2		5	83.8	93/46.	East	4	3.7	1/2	30.24	75	74	73	79	be	cir.cum	3	
3	4	4	88.2	9.1494.	6. by 9.	4	3.7	1/2	30.24	76	75	73	79	"		4	
4	4	7	92.9	9. by 6.	E. ly N.	4	2.6		30.25							5-	
5	5	4	98.3	9. 1/26.	East	4-5	5	3/4	30.25	76	75	73	79	t.c.		4	M.
6	5	9	4.2	9. by 6.		1000	5	3/4	30.26	77	75	73	79		cir.cum	4	
7	5	0	9.2	9.96	E. ly N.		5	3/4	30.27	77	75	73	79	"	mint.	4	
	5		14.3	-0.0.1.0	. "	4		1/4	30.27	77	76	74	79	1		2	-
9	5	4	19.7	9. by 6.126.		4					100			в.с.р.	1	2	
10	5	5	25.2	0		4-5			30.32						1	2	1.
11	5	6	30.8	-0.0-		4-5	-5	1/2	30.32	77	77	74	80	,	-	2	1
Noon.	#	8	35.6	9.96.	6.46.	4-5	- 5	./2	30.32	77	77	74	80	t.c.		3	1
			~ .	10+15		1				-	1		-	1			

123 . 3 Distance aux by Patent Fog Course and distance made good since preceding noon by observations, \$.49°6 140 knots. 39 004 11. " Latitude by D. R. 57 057 194. " Longitude by D. R. Position at Noon: 38 054 · N. " Latitude by observations of O 57 0 18 194. " Longitude by chronometer from Forenoon Observations of O 39 012, 16 11 57 031,04. " 38 031 . St. 11 56 088 .94. 11 Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head 350 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, 1250 Water remaining on hand fit for use at Noon, tons 300 Coal consumed during the preceding 24 hours, 93 " 730 Coal remaining on hand at Noon,

P. M.														cir.		
1	5	5	41.1	9.96.3/46.	6. by N.	4	5	3/4 30.3	0 7	78	74	79	b.c.	civ. cum.	4	9.
2	5	6	46.7	9.96.126.	6.46.	4	5	3/4 30.2							6	
			51.9	96.3/4 9.		1000	5	3/4 30.						1	7	
			56.4	98:149	16. ly 6.	3-4	4	3/430.	29 78	78	74	79				
			61.5	98.126.	16.	3-4		1/2 30.3						1	7	
			66.3	98. by 6.		3-4		1/2 30. 3								
			70.8	96.146.	18. ly E.	3-4		1/2 30.3								
			72.8	\$6.	NE.	3		1/2 30.						or. cum.		
			73.6	96. by 6.		3		1/2 30.3					,	ar. cum.	7	
				96.	4505			1/2 30.3								
			Hauled is	96.129.	NE. by E.	2.3							0.0	ciricum.	7	
				JE. 3/4 J.				1/2 30.3							7	
Mid.	1	0		06.79 0.		- 0	4	56.5	-/	,,	-	"				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to & a M. Dair to clear. Moderate breeze from E. by A. to E. by S. Conse Each. By the wind under same sail as in preclaing watch. appendix at the whal.

Free H to 8 a. On.

Cloudy Dark minhou clouds to unindurand. Onodurate to stiff breeze from

Each and E by N. Rilling baroneter bones Each. By the wind on part tack. at along 6.00

made all plans said to topgallant sails. appointing at the wind.

From 8 a. On to Merid.

Chordy and warm. Moderate to stiff breeze from 6. No. to 6 by N. Barometer rising. At 9.30 mustered and squaterer and had diarriosal instruction model 10. 45. From 10. 45 to 11.30 exercised food watch at soule and spars. At 8.30 act main tripail. At end of watch align by the world on poor tack under all plain each to toppallant early and all topmast etaipoils and men tripail heading 9. 9 6. Corner East. Apparentics at the whel Desuperative of magazine 74. 73°, followed, 73°, 73°, 73°, aft. I solve magazine flood code and found them in good working order

Dien Merid. to 4 P.M.

Dair to clear and pleasant. Perdesate to gently breezes from E. by & backing to N.E. by E. bearing at M.E. by E. bearing at M.E. by E. bearing at many the M.E. by E. bearing to watch watch on dead during 3th period at loving attend to the priod watch before instructed in fruitional in long and 5th period watch before instructed in long and 5th period watch before the trust of the many and 5th period watch before the trust of the many the sale of the period watch bear to the the sale of the period of the period of the period of the period of the sale of the period of the period of the sale of the sale of the period of the sale of the sale of the period of the sale of the sale of the period of the sale of th

From 4 to 8 9.9k.

(Norderate to gettle breeze from NE. and NE. by E. Cloudy and pleasant. Qt 6 50 exercises at sail dill I ork in and fulled topgellant sails, and took two surges reefs in the topsails. Afterwards show me refer and made sail to topsails at each of watch by the senid on pot tack under jit, for topmast staysail, main trysail, sparker senses and topsails. Appentices at the wheel.

From 8 F.M. to Mid.

Seeing shows third how. Light to gutto been from N.E. and N.E. by E. Come E. by N. By the wind under same sail as in preciding watch except manual which was taken in at 10.30. At 9 o'clock hauled in patent log 73.6 thirty. The more was clouded about 11 o'clock appendicular at the wheel.

The Lieutenant Ch. S. Du

Examined and found to be correct.

LOG of the UNITED STATES Skip Essex Phild Rate,
Making passage from Newport, R.I. to Southampton England.

Reading Patent Log. O Kauled in 9 5	COURSES STEERED by Standard Compass. F.E. 14 9. J.E. 14 9.	Direction by Standard Compass. N.G. Ly. E.	3 3-2 2	2	3/4 3/4	30.30 30.30 30.30 30.31	76 76 76	75 75 75	74 74 74	79 79	State of the Weather, by symbols.	Forms of Clouds, by symbols, symbols, cir.cum.	Prop. of Cles Sky, in 10ths
9 - 5 - 5 - 5 -	96.149. 96.149.		3 3-2 2	3 2 2	3/4 3/4	30.30	76	75	74	79 79	b.e.	cir.cum.	6 6 7
9 - 5 - 5 - 5 -	96.149. 96.149.		3 3-2 2	3 2 2	3/4 3/4	30.30	76	75	74	79 79	b.c.	cua minh	6 6 7
5 .	96.149. 96.149.		2-2	2 2	3/4	30.31	76	75	74	79	•		7
0 .	96.129.		2	2	3/4								7
5 .					3/4								4
5 .		6.16.	7.						14	19			-
	1			2	1	30.30							5
0 -	. 0		1.	2	2	30.29	78	77	74	79		cir.cum	7
5 .	96.	J. E. by E.	1	0		30.29							7
8		1	1	0									6
			1	0									5
		. 1	1	0									7
		Calm	0	0									8
	The state of the s	-	0	0									8
м		96. hy6. 6.96./26	96. by 6. N. 6. 6. 96. by N. 6. 96.	96. by 6. 16. 16. 16. 16. 16. 16. 16. 16. 16.	9 & hy & N & 1 0 6 9 6 1 6 1 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 & by 6. No. 1 0 1 6.96 1 6 9 & 1 6 9	9 & h & . N & . 1 0 1 30.30 6.36 h & . N & h & . 1 0 3/4 30.32 6.96 h & . 1 0 3/4 30.32 h & . 3/4 30.32 h & . 3/4 30.32	9 & hy & N & 1 0 1 30.30 80 6.9 & 1 6.9 & 1 0 3/4 30.32 79 6.9 & 1 0 3/4 30.32 80 10 steergeray balm 0 0 0 30.33 81	9 6. h 6. N 6. N 6. N 6. N 6. N 6. S 6. S 6. S	9 & hy & N & 1 0 1 30.30 80 78 76 6.9 & N & hy N 1 0 3/4 30.32 79 79 76 76 6.9 & N & hy N 1 0 3/4 30.32 80 81 77 N & steerguray & Calm 0 0 0 30.33 81 83 78	9 6. by 6. 16 1 0 1 30.30 80 78 76 79 6. 96 1 6 16 10 1 0 3/4 30.32 79 79 76 79 6. 96 10 0 0 30.33 81 83 78 80	9 & by 6. N 6 1 0 1 30.30 80 78 76 79 6.96 2 6 M 6 by N. 1 0 3/4 30.32 79 79 76 79 6.96 2 6 6 6 70 10 0 0 0 30.33 81 83 78 80 .	F. by 6. N. 6. 1 0 1 30.30 80 78 76 79 6. 96 1 6 N. 6. by N. 1 0 3/4 30.32 79 79 76 79 6. 96 1 0 3/4 30.32 80 81 77 79 No steerageway balm 0 0 0 30.33 81 83 78 80

54.8 Distan	or rem by for	
Course and distance	e made good since preceding noon by observations, 951° 6.	65 knots. tenths.
	(Latitude by D. R.	38 ° 20'√. "
	Longitude by D. R.	56 0 26.94. "
Position at Noon:	Latitude by observations of ©	37 ° 56' W. "
	Longitude by chronometer from Forenoon Observations of ⊙	56 ° 38 '%. "
	(Latitude by D. R. fum Nom	37 ° 57 'N "
Position at 8 A. M.	Latitude by D. R. fum Non Longitude by Asewation	56 040 '94."
	(Latitude by D. R. from Noon (to steer agency)	37 ° 56 'W. "
Position at 8 P. M.	Longitude by Chemometer from Ofternoon observation	0 56 ° 47 ° W. "
Current during the	Latitude by D. B. from Nove (so streagurage) Longitude by Chemogratics from Oftengon observation time, 27 knots tenths per hour, setting to the \$\frac{1}{2}1^2 \text{V}.	
Beror of the Compa	ass by Azimuth o observed at 4.14 An, ship's head I by 6. /2 6	170 10'94.
Deviation of the Co	ompass by Azimuth O observed at A. A. Ship's head	2 ° 17 '6. variation used, 17 °20 04.
	ass by Azimuth ⊙ observed at , ship's head	0 , 1 , 11
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended du	ring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	
Water remaining or	n hand fit for use at Noon,	900 "
Coal consumed dur	ing the preceding 24 hours,	tons /200 lbs.
Coal remaining on	hand at Noon,	92" 1770 "

-	Р. М.									1								
		1	0	Hauled in	Hearing ship to steerageway	96.	0-1	0	0	30.34	83	83	78	79	b.c.	cir.cum	7	9
	2	0	0		No steerageway	Calm	0	0	0	30.33	82,	82	77	79			7	
	3	0	0				0	0	0	30.33	82	81	77	79	-	cum strat	7	
	4	0	0				0	0	0	30.33	81	81	77	80			7	
	5	0	0				0	0	0	30.33	81	81	77	80		cir cum	7	
	6	0	0				0	0	0	30.33	82	81	77	80		eum.		
	7	0	0				0	0	0	30.33	82	81	77	80			7	
	8	0	0				0	0		30.33						cir. aum.	7	
		0					0	0		30.34						strak.	9	,
		0					0	0		30.34						none	10	
		0					0	0		30.34						eum.	5	
1	Mid.						0	0		30.34		100					4	
1									1									

W. Saperton

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. Cm. Midnight to 4 U.M.
Bright morelight and starlight. Sentle breeze from N. E. by E. Baroneter rising slightly, Comru E. by N. By the unid part tack under jet, for topmast stayarel, topeacle, forbail, main trysail and spanker. apprentices at the wheel.

Jange R. Cours,

From 4 to 8 a. M. Gratly cloudy and warm. Light any to light breeze from ENE to 16. Barmeter steady. At 70 clock at topogallant sails and royals. At end of watch under all plain sail to egals, except manuail or for tack, clas hauled brading 46 by 6. Conce & by N. appendicio at the wheel.

A. J. Loo's man be one is a Cheid.

Chear, warm and pleasant. Calms and light airs from NE by N. No steerageway last two hours. Mututud at quarters at 9.30. At 9.45 exercised all hands at abortunia, furling and making sail. At 6.15 clearly up topgallant sails, wysle and took in spanker thankled and repaired both rudder chams. At end of watch ship under fore topenast stayeal, jet and topenals with no steerageway. Appuntices at the whole designature of magazine 75 75 forward, 70° 75° aft.

Oum Merid to 4 P.M. Lieutenant U. J. W. Sight aiw from \$6. first how: calm during remainder of watch Fair and warm. I mooth sea. at 12.30 changed course to E. N.E. per Flaudard. Norrakip between 12.35 and 1.20 bringing ship by the wind on starboard tack. Set forward and topgellant sails at 1.00. At end of watch under for topmash stayeas rand plain sail to topgellant sails except manuail and sparker. Appentices engaged cerving and mundring. Tunners gang engaged cleaning and painting timel ABSun No 44, on lowered. During your server band to get at lower layer times at the wheel.

From 4 to 8 9.9%. Clear and bot. Calm. At 5.45 hauled up forward and took in topgallant saile. Under topeanle jet and four topmast stayeard at end of watch. At 7.30 exercised neeping topeanle. Connec E. No. appendix not the wheel.

Deutenant U. J.M. Orom 8 a. M. to Merid. blear for most part with bright starlight. Dark cloude rising in the Gast, latter part. Throw was brind bank of cloude at about 11.00 believe. No steerageway. Bornes G.N.G. Exacting between N. N.G. and N. N.N., most of the time, but swruging slowly to the Gd. last hour. Baroneter bight and steady apprentice at the wheel. Under for topmack stayeail, jet and topeacle.

George R. Evans Ensign Ou. 4.91.

Examined and found to be correct.

J. B. Mo illing Navigator. Lieutewant De. J. M.

Phip Essex Phird Rate, w Newport R. S. to Southampton, England.

	11	u	ring	pussage y	rom recorps	01-1	00,	٥.	760	vu	wa	my		u, cw	puna	-	
			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	1	0	10	O1 . 1.	F. F. E.	6-1	0	0	30.31	80	70	71	80	b.c.	cir.um.	7	g.
2	0		Hauled in	Hearing ship.	0.36,	0-1	0	0	30.31		100	76		0.0.	anal.	7	
3	0	0		006.		0-1	0	0	30.31			1	80			7	
4	0	0		16. h, 6.		0-1	0	0	30.30			76	80			1	
5	0	0		. 1	balm	0	0	0	30.30		1	76	79			7	•
6	0	4.0	-	No sterageway	Forth	0-1	0	0	30.00		1	76	79			-	
7	0.	3		6.006.	· ·	0-1	0	0	30.31			1	86		cir.eum	8	-
8	0	3	-			0-1	0	0	30.32			,	80			7	
9	0			No otronocomo	Calm	0	0	0	30.34			1	80			7	
10	0	0		No steerageway	Ciam	0	0	0	30.34			1				7	
11	0	0		•		0	0	0	30.34							7	
Noon.	0	0	•			0	0	0	30.34			1				7	
1.0011.	0	0					,	-	00.04			1.					
-	-	-	V.														

2. 0 Dutas	we new by fog	
Course and distant	e made good since preceding noon by observations, J. 11 º 04.	30 knots. tenths.
	Latitude by D. R.	37 ° 57 ' N. "
	Longitude by D. R.	56 037 '94."
Position at Noon:	Latitude by observations of ②	37 ° 28 ' N. "
	Longitude by chronometer from Forenoon Observations of ②	56°44'91."
	(Latitude by D. R. from None	37 ° 28 'N. "
Position at 8 A. M.	Latitude by D. B. from Noon Longitude by Observation	56 044 '91."
		37 032 N. "
Position at 8 P. M.	Latitude by D. B. from Norw Longitude by Chimometer from afternom observation of the 30 knots tenths per-hour, setting to the \$\int_{1/2} \Psi_{1/2}\$	37 ° 32 ' N. " 56 ° 30 ' W. "
Current during the	time, 30 knots tenths per hour, setting to the Jue 9.	
Error of the Comp	ass by Azimuth O observed at 7.550.6 , ship's head & . 16. 1/2 &.	15°53' %.
Deviation of the C	ompass by Azimuth @ observed at 7.55-Q &, ship's head	6 40 6 variation used, 17 20 %.
Bur of the Comp	ass by Azimuth O observed at 4.14 . ship's head & & & &	17° 11' %."
Deviation of the C	ompass by Azimuth O observed at 4.14 Ogn, ship's head	5° 27' 6, variation used, 17 ° 30' 94.
	aring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	
Water remaining o	n hand fit for use at Noon,	550 "
Coal consumed dur	ing the preceding 24 hours,	tons 300 lbs.
Coal remaining on	hand at Noon,	92 " 1470 "

P. M.																	
1	0	0	Hauledin	No oteerageway	balm	0	0	0	30.34	83	84	80	80	bo.	cir.cum	, 8	9
2	0	0		. 0 1		0	0	0	30.34	83	84	80	80			-7	
3	0	0			N. N. 94.	0-1	0	0	30.33	83	84	80	80			7	
4	0	5		6.48.		0-1	0	0	30.33	83	84	80	81			7	
	1				Nhy at.	0.1	0	3/4	30.33	83	84	78	81			7	
6	1	5			s. Svey.	1	0	3/4	30.33	82	82	77	81			5	
7	1	5				1	0	3/4	30.33	81	81	77	81			7	
					N. by 94.	1	0							b.c. p		7	
			73.8	6. by N.		1.2	0		30.32					0	cum simil.	7	
10	2	0	74.0	E N. E. 12 6.		2	0		30.32							8	
11	2	5-	75.0	6.16.		3		1	30 32			, ,		-		6	
Mid.	2	5	75.7			3.4	0		30.32						-	6	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Partly cloudy and pleasant. Balow to light airs from J. J 6. From 12.00 to 1.00 were ship and at 10 clock set course and aparker bringing ship heading N 6. at 20 clock took in maintail and spoules. At end of watch under jet for toplinast staysail, forward and topsails histing N 6. by 6. without steerageway. appending at the wheel.

Concer & No. Spec) and warm balow and light airs from South No stewagoway part of watch Concer & No. Spec and sail as at end of previous watch. Apprentices at the wheel W. S. aperton.

Oum 8 a. m. to Merid

balm fair and very warm. Frooth era. Quide varm sail as at end of preceding watch. Printing even at quarter at 9.30 and evenied at divisional gen drill. afterwards the approximation and securities of magazines, 75° 71° formad, 73° 73° aft. Geor Rocario

From Merid to 4 F.M.

Clear and bot. balow to light airs from N. 494. Concer E. N.E. Frame will as in presenting watch until 2.45 when said was made to royals with stayerile . One sail on muzzem. applicative at the while. Leutenant Qu. J. M.

From 4 to 8 9. M.

Clear warm and pleasant. Very light aire from N. N. N. and N by & Qt 7.30 a moderate rain equally faired war from the NN. after which would warm out arminate trough from the No. Baronte high and steady. Come 5.46. Beaded off their quarter of front at end of water. Of 7.00 infed course, then shoot not ref in foresail. For in field royale.

Sange & Every.

Energy & Every.

Fine & P. M. to Osid.

Clear; bright starlight. Light to moderate breze from N. leg & Barometer steady.

Of 9.40 pet main trysail. A end of watch under all plain earl to topgallant early and all themast staypails and main trysail, on conce E. N.E. appentices at the whal

N. D. Santon

M. J. Colsman Cu. J. M.

E Guign Qu. G. M.

Treiterant W. & C.

Examined and found to be correct.

LOG of the UNITED STATES Ship Essex, Third Rate, Making passage from Newport R. J. to Southampton, England.

		1	Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	14	7						3/						0 0			-
1	2	0	76.9	6.16.	S. N. W.	2	0		30.31					b.e.l.	cir.eum	9	3
2	2	0	78.5			2	0		30.31							5	
3	2	2	79.0			2	0	0/4	30.31	79	79	76	80			6	-
4		2	80.2			2	0		30.30							7	
	2,	1	81.1			2	0		30.29					b.c.		4	
6		0	84.1		1 6491	2	0		30.27							2	
: 7		0	85.5			2	0		30.26						-	4	
8	2	0	87.2			2	0		30.25							4	
9	2	2	,			2-3	2		30.30							5	
10	2		91.6			2-3	2		30.28							4	
11	2		94.2			2-3	2	1/2	30.30	80	80	76	80			4	
Noon.			96.2			2-3			30.28							4	
			1									1					

42. 1 Dista	use our by Log.	
	te made good since preceding noon by observations, 173-6.	60 knots. tenths.
	Latitude by D. R.	37 0 48 'N."
	Longitude by D. R.	550 58 194. "
Position at Noon:	Latitude by observations of ②	37 0 43 'N. "
	Longitude by chronometer from Forenoon Observations of ②	55 ° 32 ' 04. "
	(Latitude by D. R. from Nom	37 039 'N."
Position at 8 A. M.	(Latitude by D. R. from Noon) (Longitude by observation)	550 42'04 "
	Latitude by B.R. farm Norm/ Langitude by Cherwornthe farm afternom observation o time, 18 knots tenths per-hour, setting to the T12.6	37 052 · N."
Position at 8 P. M.	Longitude by Churrometer from afternom observation o	55 0 05 94. "
Current during the	e time, 18 knots tenths per hour, setting to the 972 - 6	
Cow. Error of the Comp	ass by Azimuth O observed at 4.1309, ship's head 6. N 6.	17 ° 42' %.
	ompass by Azimuth o observed at 4.13 Qqu., ship's head & . 4 &.	5 ° 26 6 variation used, 18 ° 00 '94.
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth O observed at , ship's head	o variation used,
Water expended du	aring the preceding 24 hours,	376 gallons.
Water distill	during the preceding 24 hours,	101 "
Water remaining o	n hand fit for use at Noon,	275 "
Coal consumed dur	ing the preceding 24 hours,	tons /530 lbs.
Coal remaining on	hand at Noon,	91 " 2180 "

P. M.								1					0	cir.our.		\$
1	2	8	99.0	6.16.	A by 24.	2.3	3	1/2 30.27	80	80	76	80	b.c.	um.	4	J.
2	2	4	1.4	6.86:146.		2.3	3	1/2 30.26	80	80	76	81			4	
3	2	0	2.2			2	3	3/4 30,25	80	80	76	82			7	,
4	2	0	2.2	6. by N.	Sorth	2,	8	1/2 30.24	80	80	76	82		-	6	
			3.7	3 h. 3	A by 94.	3	3	1/2 30.24	80	80	76	82		-	7	
6	3	3	7.0			3		1230.23	79	80	75	81			7	
			10.3			3	4	1/2 30.23	78	79	74	81		1.	8	
8	2	0	11.6	6. by N.	Nhy 6.	2	4	1/2 30.23	78	79	74	81			7	
9	2	5	13.3	6. by N.	North	2.3	3	3/4 30.24	78	78	74	80	b.c.l.		9	
10	2	0	14.2	E. by 9.	A. ly 6.	2	3	3/43024	78	78	74	86		cun unt	7	
			17.0	6.9.6% 8.	N.46.		3							-	8	
			17.0	6.96.		2	3								8	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear to fair and pleasant. Third light find I A. M. Lightning to the N. N. W. first how and to the North and N. N.E. latter part of watch. More robe about midnight. Thip on her course E. N.E. (p.c.) all of watch under for main and muzzin topmast etailsail, main trysail, and all plain sail to toppyallant sails, except wight we find manisail. apprentices at the wheel.

From H to 8 a. M. Light breeze from N. N. and N by & Parthy cloudy and pleasant Emosth sea. Felt the royale and flying jit at H. 30. Hauled up wrather clear of manual at 5.30 to improve dualt in five room. Franted five under briter to at 5.00 for distilling. At end of with m post tack come 6. N. 6 under for main and muggen topmant staysails main trysail and plain sail to water vale, except wrather clear of mainsails. A bargue in sight to windward during part of water, bull down, standing to N. and Ed. apprentices at the whele

Dirace & a. Oh. to Oherid.

Sean Light and quette breeze from N by at Conew E. NE. Olider same sail as in preceding watch. At 9.30 mistered at quarter and their excreised at General Quarter. Director aready as follows: Boward Parder, 4 minutes: after Parder, 4 minutes 30 seconds; 1st Director, 8 minutes; 2st Director, 5 minutes; 3st Director, 4 minutes; 40 seconds. Clarifold Director, 5 minutes. Commondering Officer inspected Director at Guarter at the wheel. Commonder distilling with banked free under bother 13. December of magazines 16:75° founds, 76-75° eft.

From Presid. to 4 P.M. Light breezes from It by H. to North. Baroneter felling slowly bonnes. E. N.E. Headed off from concer bas there bones. Destilling with five banked under boils 13. Under all each except gaff topsail. Imorth sea. Apprentices at the wheel.

From 4 to 8 P. M.

Partly cloudy and pleasant. Strette to light breeze from N by 8. to N by 6. 44 26 ways bill for fire quarters, at 427 started pumper and get first stream in 1 minute, 20 accorded. Terrido 44 4. At 45 est apparatus and class reflect topsails and 4 their marks acid again. At end of watch under all plans sail to engle all topsails and their marks acid again. At end of watch under all plans sail to engle all topsails staysails main topsail and apartly again. At end had been port tack, heading 6. by th. Commer 6. N. 6. Apparenties at the wheel. Distilling with braked free under 18.

George V. F.M. to Mid.

Security Clear and pleasant . Or sid light from North, or ving to N. No. 6. Concer No Sept 6. (p.c.) At 8.15 hauled down main and mysen topmash storyaler and took in gaff topsail. At 8. 45 hauled down flying jit and took in wysels . They by the wind or port tack under for topmash storyale main topsail, and all plain sail to topgellant sails except neigh neef in mamerie. Dietilling with banked fries under linker 15. Appendices at the whele.

Examined and found to be correct.

J. B. Moilton , Navigator. Sieutenant Q. S. M. Navigator.

Les Trentenant U. S. W.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Newsport and to Fouthampton, England.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	19																
1	0	5	17.6	6.98.146.	A6. by N.	1.	0	1/2	30.20	78	78	75	80	b.c.	cumumil	9	9
2	0	0	17.6	No steerageway	balm.	0	0	0	30.19	78	78	75	80			9	
3	2	0	17.6	E. ly N.	North	2	2	1/2	30.18	78	78	75	80			7	1
4	2	8	18.5	6.18:126.	A. ly 2r.	3	2	1/2	30.17	78	78	75	80			5	
5	1	1	19.0	6. by 9.	N. N.E.	1	0	1/2	30.19	77	78	75	79			5	
6	1	4	Houledin	1		1-2	0	1/2	30.21	78	77	74	79			5-	
7	1	5				1-2	0	1/2	30.22	78	75	75	79		-	4	
8	,	4		\$ 6. by 6.	N6.	1-2	0	1/2	30.21	79	74	73	79		cum.etial.	6	Į.
9	1	0		96.129.	N6. 46.	1-2	2	3/4	30.23	79	75	74	80			5	Į,
10	1	0		9.96.126.	6.16.	1-2	2	3/4	30.25	79	77	74	88			2	
11	2	5		6.96.	A &.	0-4	5	0	30.27	74	76	73	80	0.0.9.2	nint	0	1
Noon.	1	0		96.		0-1	0		30.27							0	

45 knots. tenths.
37 °55 'N." 54 °38 'N."
37 0 48 · N. "
54 0 37 194."
37 ° 52 ' N. "
54 ° 43' % "
38 0 16 1 M. "
54 0 33 : 94. "
19°05'94.
19° 05' W. 3° 50' 6. variation used, 19° 30' 94.
0 "
o ' variation used, o '
500 gallons.
689 "
464 "
/ tons 760 lbs.
90 " 1420 "

P. M.																	
1	0	0	Hauled in	be steerageway	balm	0	3	0	30.26	78	77	75	80	b.c.	cir.cum.	4	9
2	0	0		. 0 1		0	8	0	30.25	78	78	76	80			5	
3	0	0				0	3	0	30.23	79	78	76	80			2	
4	0.	0	19.0		9. to 96.	0-1	3	0	30.23	79	78	75	80			5	
5	7	2	26.2	1.18.3/4 6.	6. by N.	0-1	0	0	30.23	79	79	74	80			5	-
6	7	4	33.7	4		0.1	0	0	30.21	79	79	74	80		um.	5	
			41.1		Q1. 9°94.	1	0		30.20							5	
	1		48.2			2	0		30.20				-			5	
			56.0		404.	2	0		30.25			1000		-		6	
	,		63.0			2	0		30.27						cir cum.	7	
			70.1			2	0		30.28						cur mil	2	
10000	,		77.1			2.3	0		30.28							5	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

Eight airs to quetle breen from NE. by S. to N by H. and calme. Elean frist two house partly cloudy last two. Order row at 12.20. I morth sea. At 3.15 set the flying jit royale and main and neight topmast stayeals. At end of watch on your tack under all the stayeals, main trying, and plain said to royals except a single neef in the maintail. Distilling with free banked under baler B. appendicion at the wheel. gen. R. Ou

Thomas to 8 a. Ou.

Lieutenant Q. J. R.

bleau. Light air and breeze from A. N.E. to N.E. Corner N.E. by E. 1/2 E. Chuder same sail as in preceding watch Barked five under biles "B. appendice at the wheel. Lieutenant U. S.W.

Orim 8 a. m. to Merid.

Clordy. Light air and breezes from between NE and E. NE. At about 10.30 a heavy rain aquell aerompound by merderate breezes in quite came up from the NO. Perbused earl and raw off under jit for topmast staysail, foreail and topsails. At 11.00 made sail to toppallant earls except manusail. Started from under boilen 6 and D. W end of water horiting senoth proper and budging straming corns. Barely steeragency after 11.00 Apprentices at the whell. Distilling with free budged under boiler B. Semperatures of magazine 46-75° forward, 75° 75° aft.

George Revous, Enign Qu. 49.

Oum Merid to 4 P.M.

Carty cloudy and warm. balm to variable light are from Sarth to FE. Loved ryels, flying jit and for and aft sail to dry. At 3.30 called all hands furl exil and at 3.55, traited about with engines with steam under botter B. B. and D. Stopped distilling. Out one potent by reading 19.0 at 40 clock. At end of watch, steaming with free under botter B. E. and D., on course A. N. E. 146 E. apprentices at the wheel.

M. J. Colman E. S. W.

Frain and pleasant. Light air from E. by N., backing to O. F. D. and then to I. O. by end of watch. Freezing come N. N. E. 3/4 E. (p. c.) under strain about appendices at the wheel. arrage steam 55 lbs. Revolutions 43.

W.B. Caperton Lewtenant U. S.M.

Drow 8 O.M. to Guid. Sight to gentle breeze from N. V. Generally fair. Forosth sea. Ouder steam alone, ruing balor B. E. and D. on course N. N. E. 34 E. per Standard. arrage steam 55 the aevolutions 40. Apprentices at the wheel.

Good Cheatenant Ou & M.

Examined and found to be correct.

Lieutenant U.S. O.

Third Rate,

LOG of the UNITED STATES Ship Essex The Making passage from Newport, R.J. to Southampton, England.

		//		0 0					U				V			ALC: U
			Reading		WIND.				BAROMETE	R. TE	MPERA	TURE.	State of	Forms of	Clear Hbs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry	Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	57	6														
1	7	2	84.3	1.16.3/46.	NO4. by 94.	3	0	0	30.237	7 70	72	78	b.c.	cum.	8	9
2	7	4	91.6		. 0	3	0	0	30.23 7	7 7	0 72	78			9	
3	7	7	99.3			3	0	0	30.22 7	7 7	6 72	79			8	-
4	8	2	7.5			3	0	0	30.22 7	7 7	73	79	"		6	-
5	8	2	15.7		NATURALIA.	3	0	0	30.21 7	7 7	7 73	79		cir.cum	5	
6	7	9	23.6			3	3	0	30.21 71	8 7	8 74	80		"	6	
7	7	6	-31.5		Ot. 10 Ot.	3	4	0	30.21 79	9 7	3 74				6	M.
8	8	4	40.2			4	4	0	30.22 7	, ,			0"		7	
9	8	0	48.2		Ot. by N.	5	4	0	30.23 7	9 7	8 74	79	b.c. z.		9	-
10	8	0	56.2			5	4	0	30.24 7	9 78	74	78			9	
11	8	5	64.7			5	4	0	30.24 7			78	b.m.	none	10	-
Noon.	4	6	70.8	6.46/26.	Chest.	5	4	0	30.22 7	97	3 74	78		"	10	
										-				-		

150. 8 Distance run by Log Course and distance made good since preceding noon by observations, J. ly 6.1/2 6. 128 knots. 40 0 14 ' . " Latitude by D. R. 53 051 94 " Longitude by D. R. Position at Noon: Latitude by observations of O 39 055 'A. " 53 °47 'Or. " Longitude by chronometer from Forenoon Observations of © 39 025 14. " Position at 8 A. M. Latitude by D. R. fund I mu
Longitude by Pseuratini 53057 194. " Position at 8 P. M. { Latitude by D. R. from Norw Complete Compiled by Chamonette from Afternoon Obstantair O Current during the time, 22 knots tenths per hour, setting to the T. 4 6 40 ° 22 ' A. " 520 28 94. " , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used, Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head variation used. Deviation of the Compass by Azimuth ⊙ observed at 300 gallons Water expended during the preceding 24 hours, 36 during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon, 200 Coal consumed during the preceding 24 hours, 9 tons 780 lbs

81 " 640

P. M.																	
		5	78.3	6.16.126.	Chest.	5	4	0	30.21	80	80	76	77	b.m.	none	10	L.
			85.8			5										10	
			93.0			5	,4.	0	30.22	79	79	75-	77			10	
4	6	8	99.8			5	4	0	30.23	79	79	75	77			10	
5	5	2	6.0			5	35.30	0	30.23	78	79	75	76		,	10	
6	5	0	11.4			5	15-10	0	30.23	77	78	75	75			19	
7	5	2	16.6			5.4	15-10	0	30.23	77	77	74	75	b.c.m.	cum.	9	.,
8	4	9	21.5			4	15-16	0	30.23	77	77	74	76			9	
9	5	2	26.7			4	20-26	0	30.23	77	77	74	76	"		6	
10	.5	2	31.9			4	20.26	0	30.22	77	77	74	76	4		6	-
			37.3			4	20.26	.0	30.22	77	77	74	76		"	6	
Mid.	5	9	43.2			4.5	20.26	0	30.22	77	77	74	76			6	
																-	-

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 C. M. blear Gentle breen from & Ch. by Ch. Corner N. N. E. 3/4 E. Steaming with free runder three brilers. At 12.30 set jet, four togenach stayeail, main trysail and spanker. At 2.15 set main toymach and murrus togenach stayeail. Purded their earl at end of watch appendice at the wheel. arrange cleans 55 lbs. A league revolutions is 3.

Jum 4 to 8 a.m.

Fine wather Gentle to moderate breeze from N. D. by St. to ON. N. B. Barmeter steady. Producte are at end of water Guder same will as previous water, with gaff topics in addition after 6 Web. Bourn N. No. 146. Appartice at wheel. arrays steam pressure 56 lbs. Bentuting 43. Revolutions 43.

Tange REvises, 125 Ensign W. J. W. Oum 8 a. On. to Operid They and warm. Fiff brees from the by the to that Baroneter variable. At 9.20 immediated at quarters and Commanding Officer inspected ship and crew. At 10.15 the Commanding Officer inspected ship and crew. At 10.50 called all bands of the application having been called all At 10.50 called all bands make sail to regule and banked down all staysails and main trypail. Rigged apare flying jit so pot side as lowe studding rail; it muzin topical and took in graff topicail. At 10° clerk allowed fries to die mot under botters beauti to and stoped straming his and ship to with name the ball to make the work to be more botters beautifully with banked fries under botter 16. Will 1000 the many of many botters to the work to be made of watch under all plain eail to expet (except flying jit and wrather the of manuail) with port lower studding rail and miggin topical, or consider 16.126. Appendices at the what Temperature of margines 172° 76° forward, 72° 72° 11.

Ensign U. S. R. From Merids to 4 J.M. Clear and five weather Stiff breezes from Oret. At 3.45 took in aparter Ship or comes & No 126. (p.c.) under same sail as at end of previous watch except expanser. Ing swell from A.N., to which ship welled 24 to be lessened and 12 to windward extreme roll. Apprenticion at the wheel. Distilling with five banked under briles B. Daperton.

Stiff to moderate breey from Obset bleav, with hay award horizon. They colling deeply but easily on heavy everl from Obd Maximum cold to heaved 35°, to underward 30° Took in studding eall at 5.00 and the eagel at 7.15. Observed on concer 6. No 12 6 per Standard, under plain each to topgallant vails except the examples and wrather clear of mainsail. Distilling with frier banked under boiles B. appendix at the wheel Pat rolling tackles on many year.

Oum 8 G. m. to Mid. Clear Pristy horizon. Moderate to stiff breeze from Obset. Come E. N.E. In E. Phip colling deeply but easily. Long sea from Obst & Under same sail as in perending watch. appendice at the wheel. Distilling with banked frier under biler 6.

Hurcell. Lieutenant QL. J. M.

loof man

			10	1 0	V						V		'	0		1400	
			Reading		WIND.				BAROMET	ER.	TEMP	ERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	her.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.	716	0 6	49.8	6.16.26.	Of est.	5	20-26	0	30.247	7	74	74	77	b.c.m.	cum	6	7
2	7		57.0	0.000					30.25 7							6	3.
			63.9		Ot. by N.	5.6	17.25	0	30.25	77	77	74	77	0.c.	cum. sint	0	
4	6	9	70.8			5	21-27	0	30.26 7	77	77	74	77			0	
5	6	2	77.0	100		5	15.20	0	30.257	77	76	74	77			0	
			83.2			5	20-25	0	30.25	77	76	74	77	b.c.	2.18	2	
			89.4						30.25 7							5	
1000			95.8	-					30.26 7						cum.	6	
			1.9						30.26							8	
10			7.8		Oh. by 9.				30.27							8	1.
	5	1	13.6		Q1.9°04.	5	10-16	0	30.27	81	83	79	77			8	1
			19.1			5	12-18	0	30.27	81	83	79	77			6	-
						1											

146. 9 Dietame num by Patent Log.	
Course and distance made good since preceding noon by observations, Ab2 6. 1	47 knots. tenths.
Latitude by D. R.	41016181."
Longitude by D. R.	51 0 05 , 94. "
Position at Noon: Latitude by observations of ⊙	4101218."
Longitude by chronometer from Forenoon Observations of ②	50 0 56 . 91. "
(Latitude by D. R. from Noon	40 · 59 · N. "
Position at S.A.M. Longitude by Description of	51 0 22,01 "
Position at 8 P. M. Latitude by D. R. from Noon afternow observation 0	41 0 25 1. "
Position at 8 P. M. (Longitude by Chronometer from afternoon observation o	49 0 58 94. "
Current during the time, 14 knots tenths per hour, setting to the 9.45 . 6.	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	793 "
Water remaining on hand fit for use at Noon,	6 4 3 "
Coal consumed during the preceding 24 hours,	1 tons 7 6 0 lbs.
Coal remaining on hand at Noon,	79 " 720 "

	D. W.																	
	P. M.			25.1	& ME. 1/2 6.	C4.804.	5	15.20	0	30.28	81	82	79	77	b.c.m.	cum.	6	2
				31.2														
				37.0				100000							b.m.	none	10	
	4	5	1	42.1			100	10000		30.27							10	
	5	5	1	47.2			3-4	15-20	0	30.27	75	76	75	78			10	
				51.8		-				30.29							10	
	7	4	0	55.7						30.31							10	
	8	4	2	59.9			3	12.20	0	30.33	72	72	69	62			10	-
	9	4	4	64.3			3	10-18	0	30.33	71	71	68	61			10	
	10	4	7	69.0			3	10 -18	0	30.33	71	71	68	64			10	-
				73.8			3	13-20	0	30.33	70	70	68	64			10	
1	Mid,	4	4	78.2			3	13.20	0	30.33	70	70	68	.64			10	1
1																		1

Midnight to 4. a. m

from Cheek and Ch. by N. B. avoneted rising slowly. Eng following sea on perh quarter. Our conce & 16.12 & dude jet, topsails topsailand sails foreall less clew of mainical single negled. This evoling deeply had easily Gracimum observed well 27° to starbraid. appentices at what. Distilling with fire banked under boiler B. Stonge & Evens.

E Ensign W. J. W. Oun 4 to 8 a. M. Oncast at free, clearing during last how. Pitif breen from Oh by N. At 70 clock set expels and yet willing tackles on from speed. This rolling encideably to moderate sea from Oh by N. At end of watch under all square soul to expels except knowler clearly of manacil, with jet, on concer 6 No 12 6. Apprentices at the wheel. Distilling with free backed under boles B.

From 8 a. m. to Merid.

Gusign U. J. W. Chav and warm. Stiff breezes from D. by A., backing to Oh. 904 At 9.30 mustered at guarters. 1st and rod periods all approximates had instruction in sails and spores but all storm sails and explained was ste of same and of presents braces At 11.10 hauled up lee clear of manuails bourse 6 N 6 12 6. (p.c.). Long early from Oh. by N. At end of writch ahip or conserunder all place and to royale early flying fit jit manuail and sparker. Apprentices at the wheel. Distilling with free banked under bills B. Temperature of magazine 81° 91° forward 80° 80° aft.

From Merid to 4 P.M.

It iff to moderate begy from Qh I Qh. Party cloudy frist half clear last two homes hazy around thorizon. Eng will from Qhd. By order of Constanding Officer changed concer at 12.40 to East par Flandard. At 100 set the leve clear of maineail and studding sail. At end of watch under studding earl and plain sail to expels easest flying jet spankler and wrather clear of maineail I retruited apparatures in user and gan of stone sails; also 1st direction in compass; 2 th direction growing and forward Parkhe direction, sails and spars. Distilling with frier banked under briler B. Explantice at the wheel. Gen Roe

From 4 to 8 9.90 Clear Misty house Sentle to moderate breeze from M. IN. Course East. at 6.50 took in starband studding with aby o'clock exercised at sails. Fork single neef in topsails and made sail to topgallant sails, then short at single neef and made sail to topgallant ab 5 o'clock the water temperature and faller 16°. Eng following sea, moderating during the watch. Distilling with banked five under boiler B. Fame sail as in pureling watch except studding sail. Apprenticie at the wheel. 1 Purcell

Oren & G. On. to Mid Lieutenant U. J. M. Bright starlight. Ornety about the horizon. Gentle Ch. F Ch. breezes. Thering connec East under pame sail as at end of previous watch. Eng sea. Fracty baroneter. Heavy dew. I lettling. apprentices at the what. George R. Coans

Examined and found to be correct.

J. B. Me Mer. Navigator. Dicitemant & J. J. M.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newport, R. I. to Touthampton, England

			0	V V	0	U	-							0		4	
			Reading		WIND.				BAROME"	TER.	TEMI	PERAT		State of	Forms of	Hear the.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	59	2 3	82.5	East.	JW.	3	5-10	0	30.3/	71	70	68	72	в. т.	none	10	2
2	4	2	86.7			3	5-10	0	30.31	71	70	68	74		,	10	
3	3	8	90.5			2-3	5-10	0	30.32	71	70	68	74			10	
4	3	6	94.1			2-3	5-10	0	30.32	71	70	68	74	b.c.m.	cum.	8	
5	3	4	97.5			2.3	5	0	30.33	73	73	72	71			6	n
6	3	6	1.1		94. by J.	2.3	0	0	30.34	73	73	72	69	b.m.	nne	10	
7	4	4	5.5			3	5	0	30.34	74	72	71	68			10	
8	5	3	10.8			3	0	0	30.33	74	72	71	68	-		10	-
9	4	9	15.7			3	0	0	30.34	75	72	70	72	b.c.m.	cum stres	.9	3
10	4	4	20.5		9 %. by W.	3	0	0	30.85	75	72	70	70	b.m.	none	10	
11	4	8	25.3		. 1	3	0	0	30.36	75	73	70	68			10	
Noon.	4	4	30.1			3	0	0	30.38	76	75	73	72		-	10	
						1	1	-			1		-			1	-

110.3 Distance run by Patent Log. Course and distance made good since preceding noon by observations, 6.46/26. 106 knots. 4104611.11 (Latitude by D. R. 48 0 38 , 94 " Longitude by D. R. Position at Noon: { Latitude by observations of @ 41034, 1. 48041,91. " Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 A. M. { Latitude by D. B. firm None (Longitude by Observation) 41029, 50.11 49.01.94.11 Position at 8 P. M. Latitude by D. R. Janus Norm

Position at 8 P. M. Longitude by Christometer Janus afternoon observations of 410 46, 8.11 48002,94." Current during the time, 13 knots tenths per hour, setting to the 9.96. 25 0 43 34. Deviation of the Compass by Azimuth @ observed at 4.329 , ship's head ... 3 0 41 6. variation used, 250 20 Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head 350 gallons. Water expended during the preceding 24 hours, 741 Water distilled during the preceding 24 hours, 1034 Water remaining on hand fit for use at Noon, 1 tons 960 Coal consumed during the preceding 24 hours, 78 " 1160 Coal remaining on hand at Noon,

								,		1								
P.	M. 1	2	7 2	32.8	6.12 N.	Ot. by 9.	3	2	0	30.89	77	76	74	75	b.m.	nne	10	S.
	2	4	5	38.4			3	2		30.39							10	
	3	4	0	42.5			3	2		30.39							10	
	4	4	2	46.7			3	2		30.39							10	
	5	4	0	50.7		-	3	2	0	30.88	78	77	75	75			10	
	6	3	2	53.9		-	2.3	0	0	30.36	78	77	75	75			10	
	7	3	2	57.1			2.3	0	0	30.36	78	77	75	75	b.m.w		10	
	8	3	5-	60.6		9.89.	2.3	0	0	30 35	17	76	74	75			10	
	9	4	2	64.8			3	0	0	30.35	76	75	73	75			10	.,
1	0	4	3	69.1		"	3	0	0	30.35	76	75	74	75			10	
1	1	4	4	73.5			3	0	0	30.35	77	76	75.	74			10	
Mi	id.	4	1	77.6		04. ly 9.	3-4	0	0	30.34	76	76	75	74			10	
4						1												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. bleav and pleasant. Bright starlight. Gentle breeze from FO. at end of watch under all equals sail to regals except wrather clear of manifest, with jit, me course East. appendicion at the wheel. Distilling with backed free under bales B. C. Coloma Queign Q. J. W. Cemo 4 to 8 W. M. .

Sair to cloudy cleaning last how. Hazy around horizon. Light to gentle breyer from 9 ch. 1, 4 Demperature of sea water derograd 6 huring watch. Escret Gal (pc) at 6 reason est flying jit as starboard how studing with the negative transverse flying jit as starboard low studies transverse water starboard low studies gail and all plain sail to royal except flying jit, etastraid clear of maniorist and sparker. Distilling with frier banked under biles B. apprentices of they wheel.

From 8 a. On. to Merid Tientewant Qu. F. W. Swith berry from 9. by I. and 9th by W. Clear and pleasant. Bay around howyer Twooth sea. Demperature of sea water consider. Printered one at question alg 30 and exercised divisions at your dill lifting with sea. all the appendice of the forestle and afternate at aid dill on the migror and heaving the by the the studency sail, main and migror toporate taysail and aparter at 10.30. Isotal magazine flood crack and found them in working was the modern accompate, the first explicit or course Gast under studenting sail, main and mayin toponare taysails and plane sail to wyster except weather the of manufall Tietilling with free banked under below B. Appendice at the wheel Temperature of magazines \$1.50.5 forward, \$0.50.5 after

Trentenant U. J. W. From Merid. to 4 F.M Chan Boy hoigh Gentle brey find the by I Instructed starband watch of appenticin in practical examenship, general, lead, log and gymnasticis Ut 1 990. North in main topmash starpails at 2 990. took in myzen topmash starpails with this exception the ship was under same sails as in preseding watch. At 12.40 changed conver to 6 12 40. Distilling with banked free under briles B. Appuntices at the wheel.

tenant U.S. M. Prom 4 to 8 P. M Clear except light have around bright to gentle beezer from It by I to I. I the Bravomiter felling slowly. Smooth sea . Feering concer (24 to 8 to 8 to 16 t the wheel.

Tenge Rto vens. E Eusign U.S. M. From 8 F. M. to Mid.

Clear bright stackful beary dear Streets to moderate breze from W. I. to & by I. Baronette steady. At end of watch under jit and all ogene soid to reject except engle need and weather clear of manienil, or concer 6/2 to Detelling with banked frier under boler B. Appenties at the wheel.

nobolem Cusign U. J. W.

approved Smis Timester & Commanding

J. B. Meillon Della Varigueur.

